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1926

Year Book

of the

Massachusetts Horticultural Society

with the

ANNUAL REPORT

for 1925

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Foreword

We have pleasure in presenting the third number of the Society's Year Book with which is combined the Annual report for 1925.

The great increase in the activities of the Society so marked a feature of 1924 has been continued with greater intensity throughout the year 1925. It is pleasant to record that every branch of the Society's endeavors have met with encouragement and appreciation. The membership enrollment is now 2,712 which is by far the largest the Society has ever enjoyed. This with other facts and a summary of the more important of the Society's doings will be found within the pages of the present Year Book.

In preparing the Year Book for 1925 the form adopted for the two previous years has been closely followed. Four of the lectures delivered before the Society are printed in full. They are of more than ordinary interest and that on house plants is particularly valuable to everybody. There is also a very practical article on "The Growing of Grapes Under Glass" by a winner of the President's Cup. The attention of members is directed to the Librarian's article on the new library service. This should be most helpful in teaching members how to make the best use of that unique storehouse, the Society's Library.

E. H. Wilson, *Chairman,*

C. S. Sargent,

Committee on Lectures and Publications.

Boston, Mass.

February 23, 1926.

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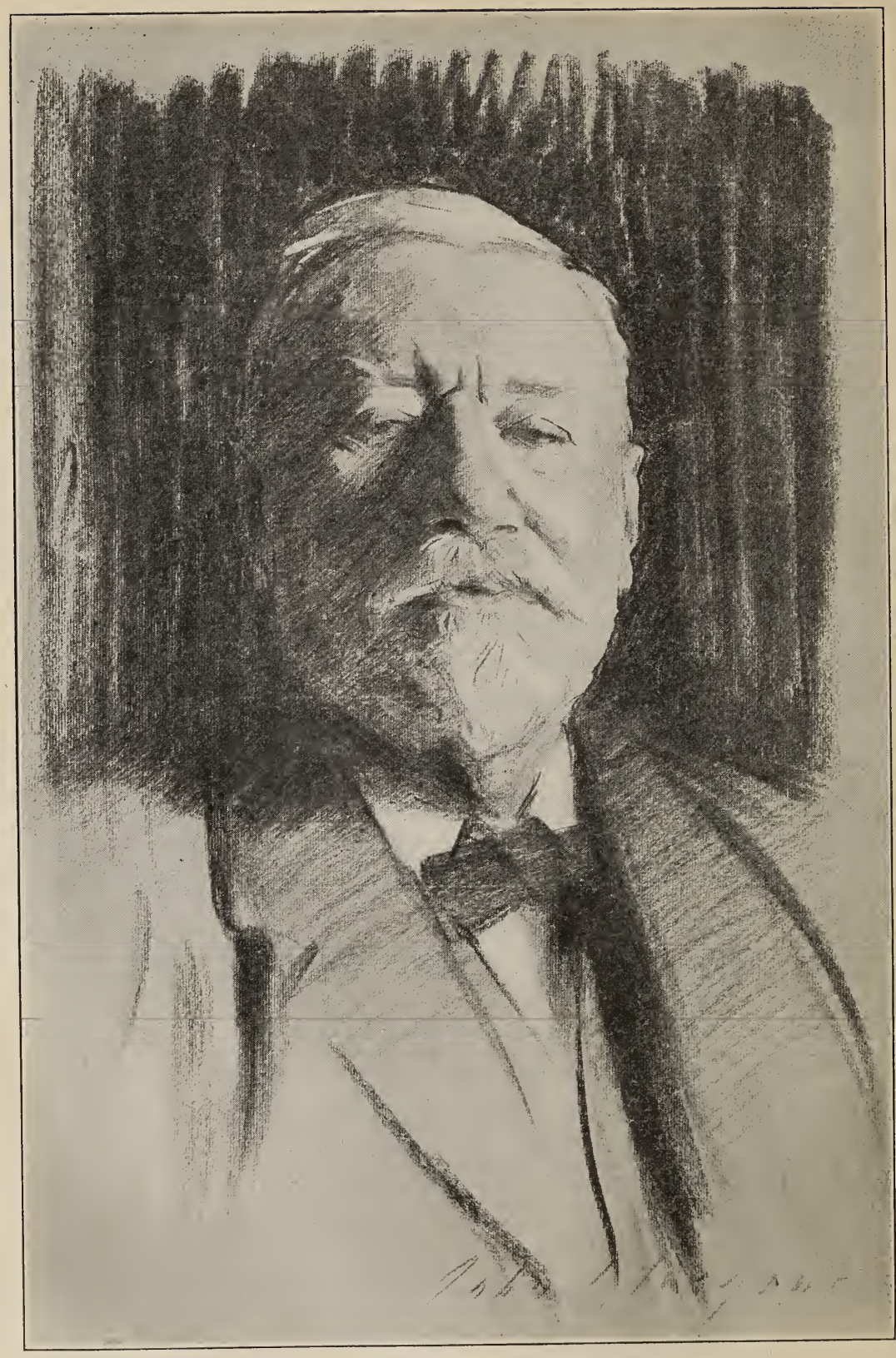


Professor Charles S. Sargent
Re-elected Vice-President of the Massachusetts Horticultural Society

Massachusetts Horticultural Society

OFFICERS FOR 1926

President

ALBERT C. BURRAGE, of Boston

Vice-Presidents

CHARLES S. SARGENT, of Brookline
EDWIN S. WEBSTER, of Boston

Treasurer

JOHN S. AMES, of North Easton

Secretary

E. I. FARRINGTON, of Weymouth*

Trustees

JOHN S. AMES, of North Easton
FRANCIS H. APPLETON, of Boston
A. C. BURRAGE, of Boston
ROBERT CAMERON, of Ipswich
MISS MARIAN R. CASE, of Weston
HOWARD COONLEY, of Readville
MRS. S. V. R. CROSBY, of Boston
WILLIAM C. ENDICOTT, of Boston
MRS. HOMER GAGE, of Worcester
WALTER HUNNEWELL, of Wellesley
NATHANIEL T. KIDDER, of Milton
ARTHUR LYMAN, of Boston
HENRY H. RICHARDSON, of Brookline
THOMAS ROLAND, of Nahant
CHARLES S. SARGENT, of Brookline
MRS. BAYARD THAYER, of South Lancaster
GEORGE C. THURLOW, of West Newbury
LORING UNDERWOOD, of Belmont
HENRY P. WALCOTT, of Cambridge
WILFRED WHEELER, of Concord
EDWIN S. WEBSTER, of Boston
ERNEST H. WILSON, of Jamaica Plain
FRED A. WILSON, of Nahant

* Communications to the Secretary, on the business of the Society, should be addressed to him at Horticultural Hall, Boston.

COMMITTEES AND JUDGES FOR 1926

Finance Committee
ALBERT C. BURRAGE, Chairman
JOHN S. AMES
EDWIN S. WEBSTER

Executive Committee
ALBERT C. BURRAGE, Chairman
JOHN S. AMES
MRS. BAYARD THAYER
CHARLES S. SARGENT
EDWIN S. WEBSTER

Membership Committee
ARTHUR LYMAN, Chairman
ROBERT CAMERON
GEORGE C. THURLOW

Committee on Prizes
ERNEST H. WILSON, Chairman
THOMAS ROLAND
HENRY H. RICHARDSON

Committee on Exhibitions
THOMAS ROLAND, Chairman
WILFRID WHEELER
HARLAN P. KELSEY
ERNEST H. WILSON
JAMES MARLBOROUGH

Committee on Library
CHARLES S. SARGENT, Chairman
NATHANIEL T. KIDDER
JOHN S. AMES

Committee on Lectures and Publications
ERNEST H. WILSON, Chairman
CHARLES S. SARGENT

Committee on Buildings
FRED A. WILSON, Chairman
JOHN S. AMES

Committee on Gardens
LORING UNDERWOOD, Chairman
WALTER HUNNEWELL
MRS. F. B. CROWNINSHIELD

Committee on George R. White Medal of Honor
CHARLES S. SARGENT, Chairman
MRS. S. V. R. CROSBY
WILLIAM C. ENDICOTT

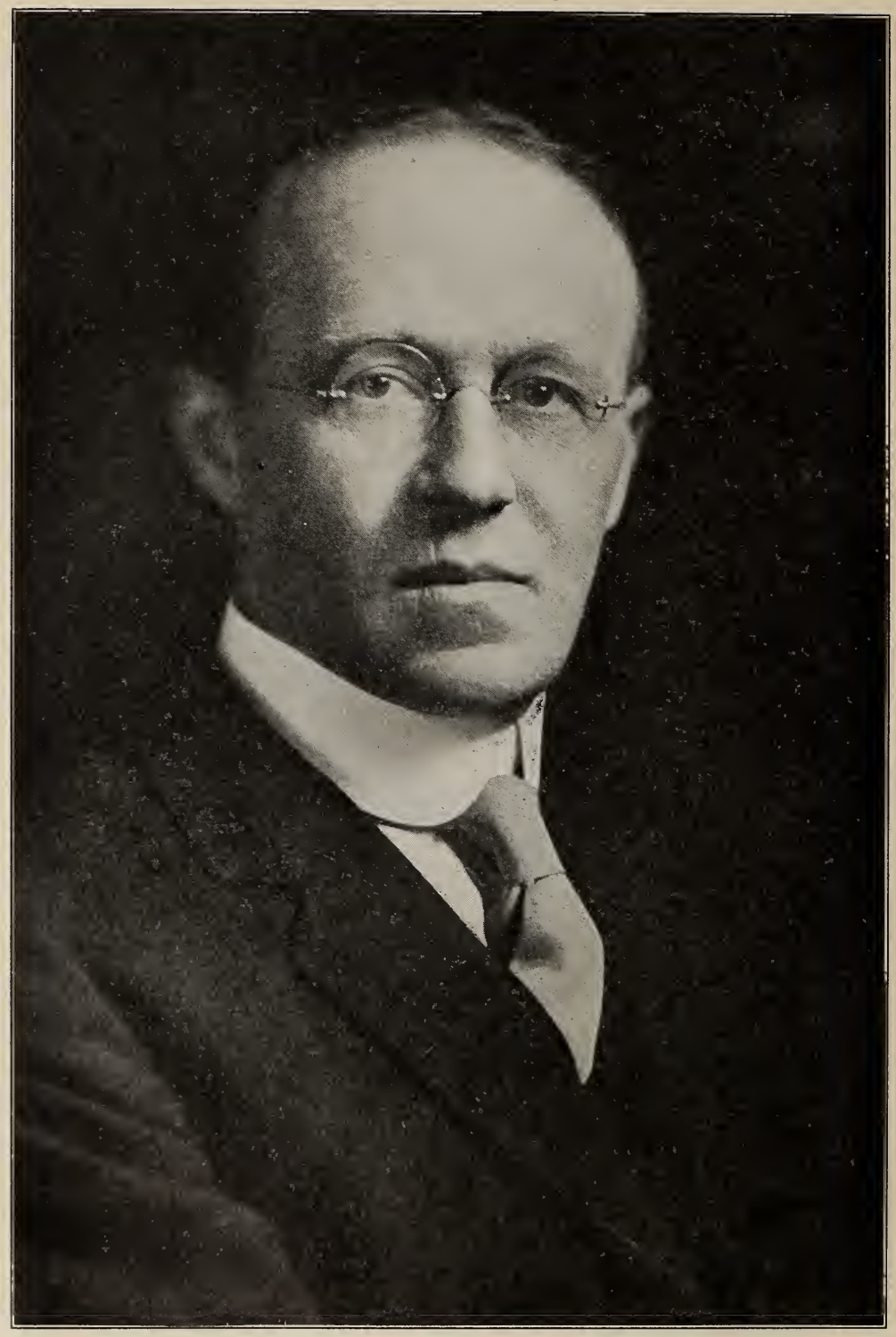
Committee on Children's Gardens
MISS MARIAN R. CASE, Chairman
JAMES WHEELER
MISS DELIA I. GRIFFIN

Judges of Plants and Flowers
WILLIAM ANDERSON, Chairman
SAMUEL J. GODDARD
DONALD McKENZIE
WILLIAM H. JUDD
GEORGE F. STEWART

Judges of Fruits
JAMES METHVEN, Chairman
WALTER G. KENDALL
ANDREW K. ROGERS

Judges of Vegetables
EDWARD PARKER, Chairman
PAUL P. MAILLARD
RAY O. KOON

Mr. Howard Coonley
Newly elected Trustee to serve during the year 1926



Mr. Wilfrid Wheeler
Newly elected Trustee to serve during the year 1926

Mr. Loring Underwood
Newly elected Trustee to serve during the year 1926

List of the Presidents of the Massachusetts Horticultural Society

Henry A. S. Dearborn	1829-1834
Zebedee Cook, Jr.	1835
Elijah Vose	1835-1840
Marshall P. Wilder	1841-1848
Samuel Walker	1849-1851
Joseph S. Cabot	1852-1857
Josiah Stickney	1858
Joseph Breck	1859-1862
Charles M. Hovey	1863-1866
James F. C. Hyde	1867-1870
William C. Strong	1871-1874
Francis Parkman	1875-1877
William Gray, Jr.	1878-1879
Francis B. Hayes	1880-1884
John B. Moore	1885
Henry P. Walcott	1886-1889
William H. Spooner	1890-1892
Nathaniel T. Kidder	1893-1895
Francis H. Appleton	1896-1900
O. B. Hadwen	1901-1903
Henry P. Walcott	1904
Arthur F. Estabrook	1905-1906
Stephen M. Weld	1907-1910
Charles W. Parker	1911-1912
John K. M. L. Farquhar	1913-1915
Richard M. Saltonstall	1916-1918
William C. Endicott	1919-1920
Albert C. Burrage	1921-

Medals and Certificates

The following is a list of Medals and Certificates awarded by the Massachusetts Horticultural Society in the year 1925:

George Robert White Medal of Honor

Professor Ulysses P. Hedrick, Geneva, N. Y., for eminent service in horticulture.

President's Cup

March 26. Albert C. Burrage, for a group of Orchids.

June 6. Mrs. Homer Gage, for an Iris Garden.

" 20. William B. Parker, for a vase of Peony Marie Lemoine.

August 22. E. R. Peirce, for Black Hamburgh Grapes.

September 12. L. I. Branthover, for his exhibit of Dahlias.

October 29. E. N. Sawyer, for the best 25 boxes of apples.

November 6. Thomas Roland, for a collection of Cypripediums.

President's Cup for Children's Garden

September 5. H. W. Jensen, for his garden.

Large Gold Medal

March 26. Mrs. Homer Gage, for Spring Bulb Garden.

" 26. Thomas Roland, for a group of foliage and flowering plants.

" 26. Edwin S. Webster, for a group of Orchids.

" 26. Albert C. Burrage, for a group of Orchids.

" 27. Shanghai Horticultural Society (Donald MacGregor).

May 16. Chestnut Hill Garden Society (Mrs. C. G. Weld).

June 6. Mrs. Homer Gage, for a display of Irises.

" 6. T. F. Donahue, for the magnificent quality of his Iris blooms.

September 5. The Bayard Thayer Estate.

" 5. The Caleb William Loring Estate.

September 5. Miss Annie Burke, for her work as a garden teacher.

" 5. Miss L. Gertrude Howes, for her work as garden teacher.

October 27. Dr. Walter G. Kendall, for his devotion to the study and cultivation of hardy fruits.

" 29. Connecticut Pomological Society, for a roadside stand.

November 5. F. R. Pierson, for the Mrs. F. R. Pierson Rose, at the exhibition of the Horticultural Society of New York.

Exhibition Gold Medal

March 26. Mrs. Lester Leland, for her rock garden.

" 26. W. W. Edgar Co., for a group of Rose plants.

" 26. Albert C. Burrage, for twelve varieties of Orchids.

" 26. R. & J. Farquhar Co., for a group of hardy flowering and foliage plants.

May 16. Walter Hunnewell, for Kolkwitzia amabilis.

August 22. William E. Clark, for a collection of Gladiolus.

October 29. Mountain View Orchard Co., for the best barrel of Delicious apples.

November 6. Thomas Roland, for collection of Cypripediums.

" 6. George F. Stewart, for Eucharis amazonica.

" 6. Albert C. Burrage, for a collection of Cattleyas.

Silver Medal

March 26. Howard Coonley, for a group of foliage and flowering plants.

" 26. Lowthorpe School, for a rock garden.

" 26. F.. W. Hunnewell, for a group of Orchids.

" 26. Fishelson, the Florist, for an artistic basket of Roses.

" 26. Penn, the Florist, for an artistic basket of Carnations.

" 26. Harold A. Ryan, for a room decoration.

" 26. Charles T. Beasley, for a display of Pansies.

March 26. Walter Hunnewell, for Heathers and Azaleas.

June 6. Thomas F. Donahue, for a display of Irises.

" 6. Mrs. Nanna Mathews Bryant, for Shrubby Calceolaria Angleside.

" 6. Walter Hunnewell, for a display of cut Rhododendrons.

" 6. Harvard Botanic Gardens, for a rock garden.

" 20. T. C. Thurlow's Sons, for a display of Peonies.

" 20. T. C. Thurlow's Sons, for a double Peony not before exhibited.

" 20. Robert Laurie & Sons, for Hardy Pinks.

" 20. Harry A. Norton, for a table of Peonies.

August 22. Louis G. Rowe, for a collection of Gladiolus.

" 29. Brockton School Gardens, for a display of their products.

September 5. William H. Robinson, for his Rose Garden.

" 5. Ruth Faulk, for her garden (Children's).

" 12. L. L. Branthover, for a display of Dahlias.

" 12. J. F. Cooper, for a basket of Dahlias.

" 12. Albert C. Burrage, for a group of Orchids.

October 29. Pine Hedge Farm, for its meritorious exhibit of apples.

November 6. Breck-Robinson Nursery Co., for a collection of hardy coniferous plants.

" 6. Edwin S. Webster, for a group of potted Chrysanthemums.

" 6. Edwin S. Webster, for Winter-flowering Begonias.

" 6. William Sim, for seedling Carnations.

" 6. C. B. Johnson, for new Carnations.

" 6. Hillcrest Gardens, for an artistically arranged collection of fruits and vegetables.

June 20. Hillcrest Gardens, for best new strawberry of merit (Has to be exhibited and won three years—2d year).

Bronze Medal

March 26. Symphony Flower Shop, for an artistic basket of Carnations.

" 26. Houghton-Gorney Flower Shop, for display of Colonial Bouquets.

" 26. W. A. Riggs, for a group of Ericas.

" 26. Harvard Botanic Garden, for a display of tuberous and bulbous plants.

" 26. Walter Hunnewell, for a group of Kurume Azalea seedlings.

June 6. George N. Smith, for a collection of Peonies and Irises.

" 20. Anton Bulk, for a display of Peonies.

" 20. T. C. Thurlow's Sons, for a double Peony not before exhibited.

" 20. Henry L. F. Naber, for a collection of hardy herbaceous perennials.

August 22. A. L. Stephen, for a collection of Gladiolus.

September 12. J. K. Alexander, for a display of Dahlias.

" 12. Rosemary Flower Shop, for a basket of Dahlias.

" 12. Mrs. S. V. R. Crosby, for a display of Dahlias.

November 6. Wyman's Framingham Nurseries, for a collection of hardy coniferous plants.

" 6. Mrs. Homer Gage, for a group of potted Chrysanthemums.

" 6. Jere A. Downs, for winter-flowering Begonias.

" 6. Harvard Botanic Gardens, for Monstera deliciosa.

Bronze Medals for Children's Gardens

Albert Allen, Deerfield St. Garden.
Vincenzo Allia, Waltham.
Joseph Almeida, Hudson.
Jerry Auricchio, Deerfield St. Garden.
John Balser, Burlington.

Winifred Blackmer, South Sudbury.
William Burpee, Reading.
Arthur Carigianis, Dracut.
Costas Carigianis, Dracut.
Robert Colburn, Dracut.
Arthur J. Connell, Jamaica Plain.
Mary Cotone, Lexington.
Joseph Devine, Dorchester.
William Donovan, Dorchester.
Max Dwash, East Boston.
Charles Elliott, Waltham.
Harold Fairbanks, Hopkinton.
Wesley Snow Faulk, Brockton.
John Flanagan, Dorchester.
Lennart Fougstedt, Bedford.
Harper Gale, Tewksbury.
Ruth Glover, Boston.
Watson Glover, Wilmington.
Amos D. Holt, Hopkinton.
Adolph Janulis, Dorchester.
Donald Kidston, Hudson.
Antonio C. LaRosa, Metcalf.
Steadman Littlefield, Holliston.
Joseph Maloney, Dorchester.
William Meisen, Hopkinton.
Joseph A. Mulherin, Deerfield St. Garden.
Margaret Murphy, Dorchester.
Joseph O'Brien, Brockton.
John O'Connor, Hyde Park.
Paul Penny, Roxbury.
Walter Peterson, Deerfield St. Garden.
Thomas Piraino, Deerfield St. Garden.
John Powers, Dorchester.
Berenice M. Richardson, Deerfield St. Garden.
James Ring, Dorchester.
Morris Sachs, East Boston.
Edson F. Scholz, Roslindale.
Henry Senften, Bedford.
John Sheehan, North Billerica.
Edwin A. Short, West Roxbury.
Robert L. Sullivan, Mattapan.

Will Sumner, Wilmington.
Sumner Tannenbaum, North Billerica.
Accurzio Taromino, Brighton.
Eugene Tenny, Dorchester.
Catherine Toomey, Dorchester.
Frank Walker, Marlborough.
Donald Westcott, Reading.
Edwin E. Whitmore, Campello.
Paul Winchenbaugh, Bedford.
Edna Zallinger, Dorchester.

First Class Certificate of Merit

March 26. Erica mediterranea nana, exhibited by Walter Hunnewell.

" 26. Odontioda Cora, exhibited by Albert C. Burrage.

April 11. Odontioda Russell Burrage, exhibited by Albert C. Burrage.

November 6. Rose Briarcliff, exhibited by A. N. Pierson.

" 6. Cypripedium Gurkha, exhibited by Thomas Roland.

December 5. Brassocattleya Crofurtiana magnifica, exhibited by Albert C. Burrage.

" 5. Brassocattleya olympus, exhibited by Albert C. Burrage.

Award of Merit

March 26. Petunias, exhibited by Mrs. J. M. Sears.

" 26. Verbena Mayflower, exhibited by Arthur Bradlee.

" 26. Kurume Azalea Henrietta Hatfield, exhibited by T. D. Hatfield.

" 26. Cymbidium Alexanderi alba, exhibited by Albert C. Burrage.

" 26. Phalaenopsis Rimestadiana, exhibited by Albert C. Burrage.

" 26. Miltonia bleuana Reine Elizabeth, exhibited by Albert C. Burrage.

" 26. Odontonia Pittiae, exhibited by Albert C. Burrage.

April 18. Laeliocattleya Rex Illuminator, exhibited by E. B. Dane.

June 6. Peony Mrs. James Wheeler, exhibited by T. F. Donahue.

" 20. Laeliocattleya Wellesleyana, exhibited by F. W. Hunnewell.

" 20. Tree Peony Maxime Cornu, exhibited by Harry A. Norton.

August 22. Aponogeton fenestralis, exhibited by Harvard Botanic Garden.

November 6. Cypripedium Leyburnense magnificum, exhibited by Thomas Roland.

" 6. Cypripedium King George 5th, exhibited by Thomas Roland.

" 6. Cypripedium Olympus, exhibited by Thomas Roland.

" 6. Juniperus horizontalis, exhibited by the Breck-Robinson Nursery Co.

Vote of Commendation

February 28. Primula malacoides Lelandii, exhibited by Eric Wetterlow.

March 26. Rhododendron Pink Delicatissimum, exhibited by T. D. Hatfield.

August 22. Dahlia Frances Cooper of Hav-a-Look, exhibited by George L. Fish.

December 5. Brassocattleya Ilene, exhibited by Albert C. Burrage.

Cultural Certificate

March 26. Mrs. Bayard Thayer, for Cherokee Rose.

" 26. Jere A. Downs, for a group of Nemesias.

" 26. Albert C. Burrage, for a group of Cymbidiums and Phalaenopsis.

" 26. Peter Arnott, for Cymbidium Beatrice.

" 26. Mrs. R. M. Saltonstall, for white Kurume Azalea with hose-in-hose flowers.

March 26. Donald McKenzie, for Selenepedium grande astratum longifolium.

May 16. Howard Coonley, for Gloxinia plants.

November 6. George F. Stewart, for Eucharis amazonica.

" 6. Henry Eaton, for winter-flowering Begonias.

Garden Certificates

September 5. Mrs. Leverett Saltonstall Tuckerman and William King Richardson, for an enclosed garden.

" 5. Dr. Harris Starr Pomeroy, for a Rose garden.

" 5. George Eben Nichols, for a summer garden.

" 5. Col. Edward Howland Robinson Green, for Climbing Roses on the fence surrounding his estate.

" 5. Mary Hemenway School, for its school garden.

Vote of Thanks

March 26. Mabel Keyes Babcock, for a model garden.

" 26. Symphony Flower Shop, for a basket of cut flowers.

" 26. City of Boston Park Department, for a group of Evergreens.

June 6. Mrs. C. G. Weld, for cut flowers of Rhododendrons.

" 6. R. & J. Farquhar Co., for display of Irises.

" 6. Grace Sturtevant, for Iris Seedlings.

" 6. Arthur Lyman, for cut flowers of Rhododendrons.

" 6. Howard Coonley, for display of Streptocarpus.

August 22. Miss Marian Roby Case, for exhibit of Clematis Lemoinei Hybrids.

September 12. Wilfrid Wheeler, for vase of Calendula Orange King.

" 12. Wilfrid Wheeler, for collection of Melons.

" 12. Hillcrest Gardens, for Specimen Melon.

November 6. Walter E. Lenk, for Gardenia Veitchii.

" 6. W. A. Riggs, for an exhibit of Cyclamen plants.

November 6. James Wheeler, for a basket of Calendula.
" 6. A. N. Pierson, for vase of seedling Chrysanthemums.
" 6. John B. Wills, for plate of Baldwin apples.
" 6. Frank Blackmer, for plate of pears.
" 6. George E. Cornwell, for exhibit of Mushrooms.

Silver Medal of the American Peony Society

June 20. T. C. Thurlow's Sons, for a collection of herbaceous Peonies.

Silver Cup of the Horticultural Society of New York

November 6. Robert Laurie & Sons, for a collection of hardy coniferous plants.

William B. H. Dowse Trophy Cup

Arthur Lyman, for the greatest number of first prizes for vegetables during 1925.

PROFESSOR ULYSSES P. HEDRICK
Awarded the
George Robert White Medal of Honor

DR. WALTER G. KENDALL
Awarded the Society's Large Gold Medal
in the Year 1925

MISS L. GERTRUDE HOWES
Awarded the Society's Large Gold Medal
in the Year 1925

MISS ANNIE L. BURKE
Awarded the Society's Large Gold Medal
in the Year 1925

View on the Bayard Thayer Estate, at Lancaster, awarded the Society's Large Gold Medal

Garden Awards

Award to the Bayard Thayer Estate

To the Trustees of the Massachusetts Horticultural Society:

Members of the Committee on Gardens, appointed by your President, have visited the Bayard Thayer Estate, at Lancaster, Massachusetts, known as "Hawthorn Hill," and recommend that a gold medal be given to the Bayard Thayer Estate.

In 1902, Mr. Bayard Thayer purchased a pasture of about eighty acres, covered chiefly with Hawthorns, Blueberry bushes, some fine old Chestnuts and one very old and beautiful White Oak. At that time Mr. Thayer owned about five hundred acres of land adjoining this pasture, near the village of Lancaster, where he had intended to build his mansion house. But Professor Charles Sprague Sargent (whose advice he asked, in 1900, about a building site) strongly advised him to move higher up on the hillside, and plant this new land, with the idea of placing his house where the view was finer and where the Chestnuts were such splendid old specimens that the new place would have a beauty and interest of its own.

In a few years the Chestnut trees died. Fortunately, Mr. Thayer had already made great plantations of White Pines, Douglas Spruces, Hemlocks, Oaks and Beeches, even before the foundations of his house were laid. These prospered exceedingly and each year grew the maximum amount, so that in a comparatively short time that bleak New England hillside was so transformed that it is hard to realize what has been accomplished, unless one knew the place as it was in 1902.

In 1908, two formal terraces near the house were planted with Japanese Yews (Taxus cuspidata) and Arborvitaes. Lilies and Daphnes planted only along the borders, and walks laid out through the evergreens already planted, make a cool and quiet retreat for the hot days of July and August.

The trees on one acre of land were cut down and a walled

View on the Caleb William Loring Estate, at Manchester, awarded the Society's Large Gold Medal

garden was built, which Mr. Thayer always called "The New England Garden," where spring flowers were grown in great abundance. Lilacs (grown on their own roots, at the Hawthorn Hill nursery), Chinese Flowering Crabs, Loniceras, and the Lemoine varieties of Philadelphus grow luxuriantly, while paths are thickly bordered with Tulips and Narcissi, and a rocky edge is filled with Sedums and other rock-plants.

At Hawthorn Hill Heather has found a congenial soil and has increased enormously from the original planting of six acres. The Pinetum, which was planted in the woods below the house, now contains many specimens of Coniferae known to be hardy in New England. Chinese Lilies, particularly the Regal Lily, have been grown in great perfection.

The story of Hawthorn Hill would not be complete without mentioning the keen and intelligent interest that Mr. Bayard Thayer took in the development of the estate, and which after his death has been so ably and intelligently developed by his widow, with the assistance of her gardener, William Anderson, who has made it his business to carry out, as far as possible, under Mrs. Thayer's personal, daily supervision the ideas of the late Bayard Thayer regarding his woods and gardens. Many thousands of Kalmias and Azaleas with which the woods are full have been grown on the place from seeds.

In 1925, about twenty-three years since the first plantings were started, the trees on Hawthorn Hill have attained in some cases a height of fifty feet, and the old pasture of eighty acres is now blotted from existence.

Yours respectfully,

William C. Endicott, *Chairman*
Louise Crowninshield
Walter Hunnewell
Committee on Gardens.

Award to the Caleb William Loring Estate

To the Trustees of the Massachusetts Horticultural Society:

Members of the Committee on Gardens, appointed by your President, have visited the Caleb William Loring Estate at Prides Crossing, Massachusetts, known as "Burnside," and

recommend that a silver medal be given to the Caleb William Loring Estate.*

In October, 1844, Charles Greely Loring, the father of Caleb William Loring, purchased an estate of about fifty acres, at Beverly Farms, as it was then called. A few years later Mr. Loring purchased the hill where the late Judge Peleg Sprague and Sidney Bartlett lived. In the autumn of 1844 Mr. Loring laid out the avenue, and on Thanksgiving Day in the same year brought, in a "spring cart," from his father-in-law's farm (the Hon. Samuel Putnam, Associate Justice of the Supreme Judicial Court of Massachusetts), in Danvers, the Elm trees which are still in existence. His house was built during the winter of 1844-45, and on June 4, 1845, he and his family moved to Beverly Farms.

Shortly after establishing themselves in their new home Mr. Loring purchased "Off Lots" where the Hon. Augustus Peabody Loring and his son Augustus Peabody Loring, Jr., with their families, now reside. This made an estate of about one hundred acres. When the Eastern Railroad was built, in 1849, it ran through "Off Lots." The station was called "Prides Crossing" from the name of the first settler.

The large barn, still standing, was built by Mr. Loring who ran an extensive farm, about 1855. He was one of the gentlemen who sent a relief ship to Ireland at the time of the famine in 1849 and received, as did others, two Jersey cows from Prince Albert's Farm as a recognition of what had been done for Ireland. Later he imported from England fancy pigs, Jersey bulls, and a fine strain of poultry—Cochin China fowls among them. Mr. Loring did much for Essex County in giving away eggs, cattle and pigs, in order to improve the stock. In 1864 Mr. Loring bought the Peter Ober place, where Mr. Oliver Ames now lives, and at the same time what is known as "The Red Cottage" now occupied by his great grandson Caleb Loring.

On the death of Charles Greely Loring in 1867 this estate, except the part deeded to his son Caleb William Loring, as is later described, was divided among his four children, after what is now known as the "Cochrane Place" was sold to settle his estate.

In 1851, Charles Greely Loring deeded to his son Caleb William Loring two acres of land at the easterly end of his

*At a meeting of the Trustees this report was accepted but it was voted to award a gold medal in place of a silver medal to the Caleb W. Loring Estate.

estate. Upon this property Caleb William Loring built during the winter of 1851-52 the present dwelling-house into which in May, 1852 he and his family moved and where he and his descendants have continued to live. The winding avenue crossing the brook was laid out by Mr. Loring. Between 1852-59 Caleb William Loring bought from this two-acre lot on the shore to Hale Street land which was held in individual estates by twenty-eight persons. The owners had cut off all the trees that were of any size. Only one Pine tree was left as a boundary tree, which was twenty-five feet high, and which died as recently as June, 1925. In 1868, Caleb William Loring purchased of Charles Cushing Paine the small beach near his house, and a strip of land.

In 1853, Norway Firs and Arborvitae were planted by Caleb William Loring, in front of the house, and the Hemlock hedge, now in perfection, was also planted.

In 1859, the first Rhododendrons planted by Caleb William Loring were imported from England. In 1859-60, Laurel, Magnolia glauca, and Azaleas were planted by him. In 1860, the English Beeches on the place and along Hale Street were brought from the John Phelps Putnam Estate at North Andover, now known as the Mifflin Estate. This estate was far-famed at the time for its plantings of rare trees. In this same year Mr. Loring set out a small Elm tree which stands between the house and the stable and which has become a very large specimen tree—much admired by all lovers of trees.

For some years after the death of Charles Greely Loring no changes took place on the old estate.

Caleb William Loring was the first to sell land. Mrs. Emily Davis Tyson purchased "Eagle Rock" now a part of the present "Frick Place," and Harcourt Amory also purchased a small piece of land near the avenue entrance.

At the death of Charles Greely Loring, Jr. his portion of the estate was sold to Quincy Agassiz Shaw. After the death of Mrs. Asa Gray (Jane Loring) a portion of the estate, known as "Fishing Point," was ultimately sold to Mr. Blodgett. The other portion inherited by the Jackson family is still occupied by them.

The Committee have dwelt more than usually upon the history of the Loring estate where the traditions of eighty-one years have been followed by each generation. Nature has

The William H. Robinson Rose Garden, at Ba s Rocks, Awarded the Society's Silver Medal

been developed in a simple way. Ferns by the thousands cover the banks of a well kept, babbling brook. The woods contain a fine growth of native trees well cared for, which is a difficult task in these days of pests.

As long as Caleb William Loring lived he took an absorbing interest in this place. He went regularly into the woods and worked like a day laborer, spending many hours in cutting down trees and cleaning out the woods.

The late Miss Louisa Putnam Loring had an intense love for "Burnside," and was responsible for the laying out of the lovely Box-bordered garden, the Box of which came from the Joseph Sebastian Cabot Garden in Salem, owned at that time by the late William Crowninshield Endicott.

Miss Katharine Peabody Loring, who now lives at "Burnside," will carry on the traditions of the past and present in caring for the trees and shrubs. No landscape architect has ever been employed in the development of the place—the atmosphere of which is a personal one.

Yours respectfully,

William C. Endicott, *Chairman*
Louise Crowninshield
Walter Hunnewell
Committee on Gardens.

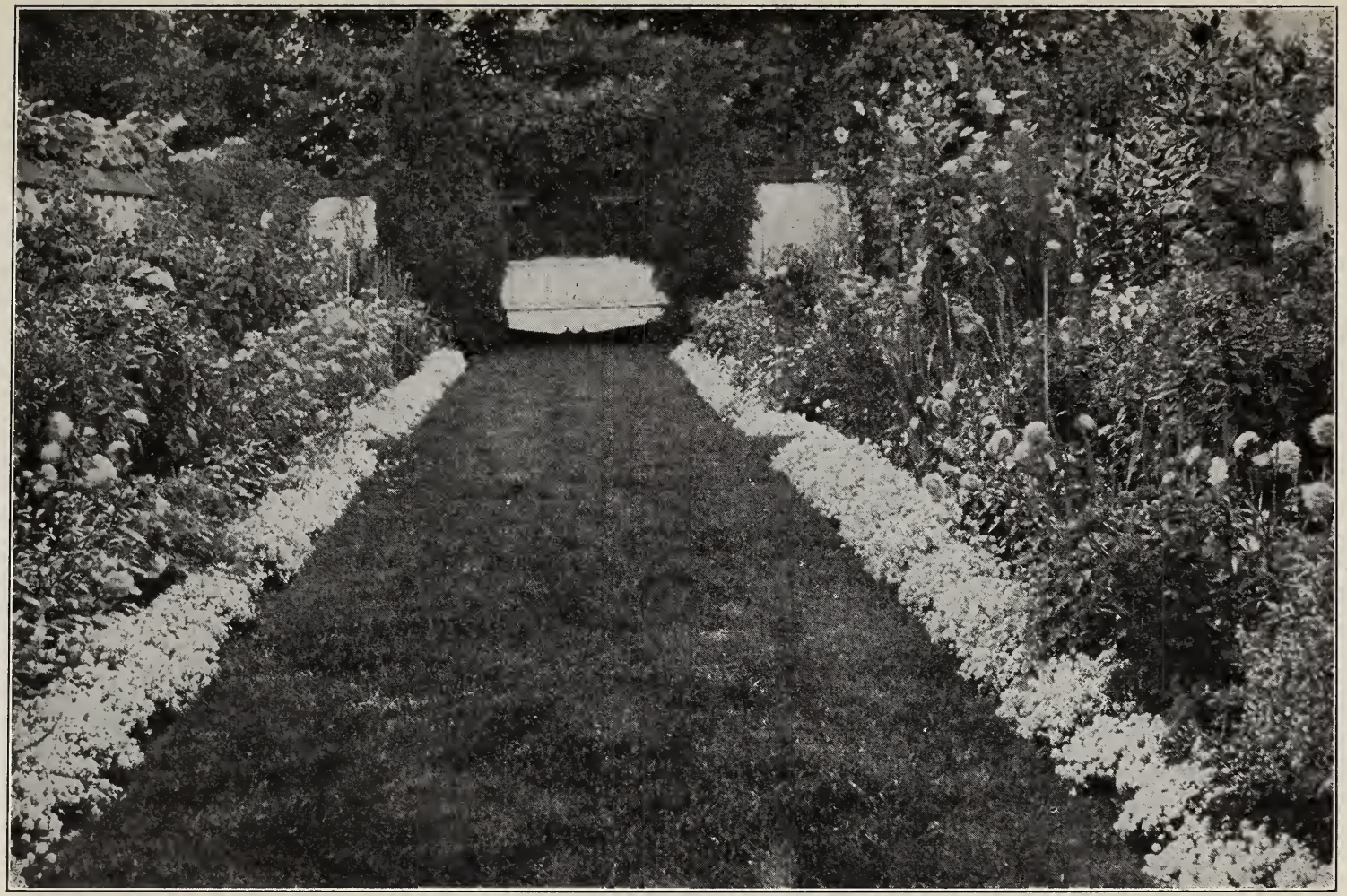
Award to William Henry Robinson

To the Trustees of the Massachusetts Horticultural Society:

Members of the Committee on Gardens, appointed by your President, have visited the Rose garden of William Henry Robinson, at Bass Rock, Gloucester, Massachusetts, and recommend that a silver medal be given to Mr. William Henry Robinson.

This garden was laid out in 1923, and, with one or two exceptions, is probably the finest Rose garden in New England—perhaps on the Atlantic Coast.

About three years ago the Robinson garden was designed by Mr. Herbert John Kellaway, the landscape architect. The place selected for this purpose was an old farm (known as the Percy Wanson Farm) devoted largely to the raising of pigs. The grounds were rough, containing many boulders



A Section of the Tuckerman-Richardson Garden, at Nahant, awarded a certificate

and ledges. A swamp, after being cleared, was made into a picturesque pond containing several islands with little vistas between tall, overhanging trees—most romantic and picturesque.

The Rose garden, very formal in its character, is built on a sloping piece of ground leading down to a pond. Two rows of Standard Roses lead almost to the edge of the water. The garden is circular and is surrounded by trellises on which twenty-three different varieties of Climbing and Pillar Roses are planted, many of them very new. In the center of the garden is a pool with a fountain. The walks between the beds are well laid out so as to give easy access to the Roses.

The garden is entered through a summer-house at the level of the avenue, one hundred and eighteen feet above the sea level, from which point it drops one hundred and twenty-eight feet to the pond, and covers a quarter of an acre.

Eighty or more Standard Roses have been planted and the beds are filled with no less than sixty varieties of Hybrid Teas including the newest varieties.

The Rose garden was planted entirely under the direction of Mrs. Harriet Risley Foote of Marblehead. The work was done under great difficulties, largely on land which had to be filled in and which kept the plants out of the ground until June. This Rose garden is an unusually fine specimen of what can be done by experts in designing and planting a garden. The whole estate is a remarkable one, and contains a rock garden which is well worth a visit.

Yours respectfully,

William C. Endicott, *Chairman*
Louise Crowninshield
Walter Hunnewell
Committee on Gardens.

Award to William King Richardson and Mrs. Leverett S. Tuckerman

To the Trustees of the Massachusetts Horticultural Society:

Members of the Committee on Gardens, appointed by your President, have visited the garden of William King Richardson and his sister, Mrs. Leverett Saltonstall Tuckerman, at Nahant, and recommend that a certificate be given to Mr.

The George E. Nichols Garden, at Marblehead, Awarded a Certificate

William King Richardson and Mrs. Leverett Saltonstall Tuckerman.

The garden is small, and very well laid out. Tall hedges insure privacy to what appear to be a series of gardens on different levels opening one into the other through summer-houses or garden gates.

The garden was originally a rough piece of ground, and was laid out by Arthur J. Shurtleff, the landscape architect, of Boston, who transformed a barren hillside into a charming garden.

The garden is beautifully kept, has a succession of flowers from early spring until late autumn, and is an unusual example of what can be accomplished under seemingly hopeless conditions, and of what is most desirable for suburban and summer homes.

Yours respectfully,

William C. Endicott, *Chairman*
Louise Crowninshield
Walter Hunnewell
Committee on Gardens.

Award to George Eben Nichols

To the Trustees of the Massachusetts Horticultural Society:

Members of the Committee on Gardens, appointed by your President, have visited the George Eben Nichols garden at Marblehead, and recommend that a certificate be given to Mr. George Eben Nichols.

In the spring of 1922 Mr. Nichols started to build a garden at 45 Pleasant Street, Marblehead, in the heart of the town, which is many feet below the sidewalk from which one looks down into the garden. The land upon which he placed his garden was very poor, was covered with high grass, weeds and several old, dilapidated fruit trees; in fact, the place seemed to be a town dump. First, trees were cut down, and the land was cleared and filled with a thousand loads of ashes to cover the debris, over which was placed about four inches of rich loam. The pond, which is in the shape of the figure eight, was copied from a photograph in the *Boston Evening Transcript,* and the square in the center of the garden was a replica of one seen at the House Beautiful Exhibit in Boston.

The garden is thirty feet wide near the street, fifty-five feet wide in the rear, and has a depth of one hundred and thirty feet.

Many varieties of flowers and trees are planted and the planting is done in such a way that Mr. Nichols has a continual display of flowers. The beds are so well planted that the impression is a beautiful bank of flowers.

The garden is now considered a memorial to Mrs. Nichols, a great lover of flowers, who died some years ago, and who did all she could to improve the place.

Yours respectfully,

WILLIAM C. ENDICOTT, *Chairman*
LOUISE CROWNINSHIELD
WALTER HUNNEWELL
Committee on Gardens.

Award to Col. Edward H. R. Green

To the Trustees of the Massachusetts Horticultural Society:

Members of the Committee on Gardens, appointed by your President, have carefully considered the question of an award to the estate of Colonel Edward Howland Robinson Green, at South Dartmouth, and recommend that a certificate be given to Colonel Edward Howland Robinson Green.

Colonel Green conceived the novel plan of covering the high fence which surrounds his great estate with Climbing Roses, which have been planted for several years, and which have grown with such luxuriance as to make a solid mass of bloom. These Roses consist of only six varieties, which have been carefully tested, and extend for a distance of two miles or more —many thousands of Rose plants having been used.

Yours respectfully,

WILLIAM C. ENDICOTT, *Chairman*
LOUISE CROWNINSHIELD
WALTER HUNNEWELL
Committee on Gardens.

Award to Dr. Harris Starr Pomeroy

To the Trustees of the Massachusetts Horticultural Society:

Members of the Committee on Gardens, appointed by your

President, have visited the garden of Dr. Harris Starr Pomeroy, at 111 Main Street, Peabody, and recommend that a certificate be given to Dr. Harris Starr Pomeroy.

In 1904 Dr. Pomeroy started this garden, which has an area of about five thousand square feet. The place was a common ash dump, which was reclaimed by adding loam, sod and leaf mold so that the Garden has now a very rich soil.

From 1904-6 only annuals were grown consisting principally of Asters, Zinnias, Sweet Alyssum, Verbenas and other garden flowers. In 1907 perennials were added, Peonies, Phlox, Digitalis and Larkspur. It was in 1907 that Dr. Pomeroy started his Rose garden with twenty-four Holland grown stock, all hybrid perpetuals. From 1907-19 the planting of Roses was gradually increased until the Garden contained about two hundred hybrid perpetuals and climbers. In 1919 fifteen Standard Roses were set out, and in 1920 Hybrid Tea Roses were added.

The garden is symmetrically laid out consisting mostly of Roses, with a background of climbing Roses. Twenty-three different varieties of Peonies, twenty varieties of Phlox, and many plants of Petunias form the outer edge of the borders which are about one hundred feet long.

The garden is cared for principally by the owner, who is an enthusiastic Rose lover and spends much of his time among his plants. Many of the standard Roses he has grafted himself. This garden is a noteworthy example of what can be accomplished within a limited area and with personal supervision.

Yours respectfully,

William C. Endicott, *Chairman*
Louise Crowninshield
Walter Hunnewell
Committee on Gardens.

Award to the Mary Hemenway School Garden

To the Trustees of the Massachusetts Horticultural Society:

Members of the Committee on Gardens, appointed by your President, have seriously considered the question of an award to the Mary Hemenway School Garden at Dorchester (as it is unusual for this Society to grant an award to a School gar-

den), and recommend that a certificate be given the Mary Hemenway School garden.

This garden has been developed largely through the efforts of Miss L. Gertrude Howes, the garden teacher in charge. This School garden is really an active community center, and has done a great work for several years in keeping boys and girls off the streets during the summer months.

The garden has varied features. In one part there is a small nursery where trees and perennials are grown; in another, there are summer-houses, bird boxes, bird baths, vegetable gardens and flower beds. Certain plantings have been made in memory of well-known people or of former students killed in the World War, who assisted in the development of this garden.

Yours respectfully,

William C. Endicott, *Chairman*
Louise Crowninshield
Walter Hunnewell
Committee on Gardens.

Bulb Garden at the home of Mrs. Ethel Anson S. Peckham, New Rochelle, N. Y.

Narcissi for the Home Garden*

The name "Narcissi or Daffodils" was chosen advisedly to try to emphasize that these two words are synonymous. The well-known amateur, Mr. E. Augustus Bowles, says in one of his books, that there are just two kinds of people in the world; those who ask the question, and the others who answer it, "What is the difference between a Daffodil and a Narcissus?"

Narcissus is merely the Latin name and Daffodil, the English. Linnaeus confirmed this Latin name to the genus and it is supposed to come from two Greek words signifying "giving drowsiness." The ancients knew only one variety, the polyanthus or bunch-flowered Narcissus, which, with the next form to be known, the *Narcissus poeticus,* has a very heavy perfume. The Egyptians used it as a flower of death and dried specimens have been found in ancient tombs.

The legendary Greek personage, Narcissus, probably really received his name from the flower instead of the other way about as is generally believed. The flowers were of older origin than the especial religious beliefs and charming legends relating to him. The name Daffodil is supposed, by some, to have come from asphodel which was corrupted in English during Elizabethan times, to "affodyle." This flower was also used at funerals but I agree with the group who claim the Narcissus to be David's flower. The Welsh for David is Taffid, and it is an historical fact that the Welsh from the earliest times have worn the wild *Narcissus pseudo-narcissus* or "Lent lily," as the badge of their nationality. This is thought to have originated at a great battle about 900 A. D. between the Welsh and British as allies against the invading Saxons.

As the allies looked so much alike the Welsh leader asked King Cadwalader, of the British forces, to have his men wear, as did the Welsh, a certain flower in their caps, so they could easily be distinguished from the enemy. The battle took place on March 1st, St. David's Day, just at a time when the wild Daffodils are in profusion. The Welsh word for Daffodil is almost exactly like that for the rare, wild Sand-leek and has caused confusion again and again. Welshmen at home

*A lecture delivered at Horticultural Hall by Mrs. Ethel Anson S. Peckham of New Rochelle, N. Y., on March 28, 1925.

feel the Daffodil is their flower but when they go up to London, the English tell them the Leek is what they should be wearing! A Welshman always wears a Daffodil on St. David's Day. The Daffodil has recently been reinstated with the Rose and Thistle in the group of flowers to represent Great Britain. There could never have been enough Sand-leeks for an army to wear in their caps, nor would they have been conspicuous enough in a battle. Dr. Haruebeni, who has been interested for many years in tracing the identity of flowers which are mentioned in the Bible, claims that the polyanthus Narcissus is the Lily-of-the-Valley of the Bible. The name Jonquil should be applied only to those Daffodils with round, rush-shaped leaves. They are all descendants of the species *Narcissus jonquilla.*

Gerarde published his Herball in 1597 and at that time there were evidently many Daffodils known in English gardens and to collectors. Parkinson, too, shows several pages of them, but the culture of these flowers dropped into abeyance and we hear little of them until the middle of the Nineteenth Century when Messrs. Herbert, Barr, Burbidge, Leeds and others became enthusiastic about the genus. Narcissi belong to the Natural Order Amaryllideae and were originally divided into three groups, "the large nosed, small nosed and snub-nosed Daffodils," as Mr. Barr amusingly called them. The enthusiasm of these men resulted in such a crossing of the groups that it is almost impossible nowadays to classify Daffodils botanically. Such difficulties resulted, particularly at shows, that the Royal Horticultural Society arbitrarily divided these flowers into eleven groups with some sub-divisions, making sixteen in all. In the first group, comprising the trumpet Daffodils, there are three divisions, yellow, white and bicolor trumpets.

Among yellows, the tones, types and sizes vary greatly from a pale, clear sulphur to deep, orangy gold, and from gramaphones, narrow and wide tubes, frilly edges and plain, flowers five inches in diameter, to the smallest of all, *Narcissus minimus,* the whole plant barely three inches high. In fact, in every group there are nowadays numerous variations, making it easy for any taste to be satisfied. The second and third divisions, the Incomparabilis or "Nonesuch" Daffodils, as Parkinson called them, and the Barrii, are distinguished

according to the size of their cups in relation to the perianth-segments.

In the Incomparabilis, the cup must be longer than one-third the length of the perianth-segment and in the Barrii, it is shorter. Each of these sections has two sub-divisions, the all yellow, which may have orange in part, and the bicolor, with a lighter perianth. The third group is the Leedsii, named after Mr. Leeds, who was the originator of so many of the all-white Daffodils. This section has two sub-divisions, the Giant Leedsi and the Leedsii, according to the same measurement rule as in the Incomparabilis and Barii groups.

Then we have Tazetta hybrids, Triandrus hybrids, Cyclamineus hybrids, Poeticus, etc., etc. The species are shown in a group known as "Various" which is the last of all, while just before it come the "Doubles." Double flowers are usually less pretty than single ones and the very double Daffodil is about the ugliest thing one can have, especially the old Von Sion which takes on a greenish tinge. But it is quite possible to have doubles that are attractive and it is done by choosing varieties that are shaggy and more or less ragged in shape. Such a one is Honeycomb and another, Argent, which it tipped with green. The most beautiful double is, in my opinion, Primrose Phoenix.

Among the species, which are used a great deal by hybridists, are *Narcissus cyclamineus, N. triandus* and *N. jonquilla. N. cyclamineus* has very reflexing perianth-segments and is of a rich, golden yellow. Its "blood" usually imparts a charming reflex to the perianth and it sets seed very easily when hand-fertilized.

The history of this species is romantic as it was lost to cultivation for nearly three hundred years, being reintroduced about 1887 by a Mr. Tait, of Oporto, Portugal. It is a native of the Spanish Pyrenes.

N. triandus is a charming, small white, drooping flower, also crosses well with others, many wild hybrids having been found, of which this species is one parent. The English name of Angel's Tears seems appropriate. Perhaps Mr. Barr's own explanation of the origin of this name may be of interest.

Whenever I mention the name "Angel's Tears," my friends always explain it easily, imagining angels to be always happy so their tears would match in minuteness the exceeding small

flowers, but Mr. Barr says that at the time he rediscovered *N. triandus,* he had a boy to carry his plants whose name was Angelo and, after an extremely difficult day in the mountains, when they at last reached civilization, twenty miles away, the bundle of *N. triandus* was missing. When Mr. Barr insisted that Angelo go back for the bulbs, he cried so hard that they were able to name the plant without any difficulty. *N. jonquilla* also hybridizes easily, many of the progeny being delightful subjects for the rock-garden.

The culture of Daffodils is not difficult. Naturally, there are some sorts that are hardier than others. The main thing is not to let any manure come in contact with the bulb. If you wish to use manure, get it well rotted and dig it in in the spring, planting the bulbs in August or September. Bone-meal is quite the best fertilizer to use and can be put in at any time and the best brand to use is "Rose" bone-meal as it is quickly available for the plants. Remember the rule to cover bulbs once and a half again their own depth from the bottom to where the neck begins and always be sure to set the bulb firmly on the bottom of the hole for if there is an air-space below it, it will rot before it starts to grow.

After the ground freezes, a covering of well-rotted manure, salt-hay or leaves may be put on. But leaves are not very good as they mat down and when the Daffodils try to spear through they are apt to be crippled. In the spring remove this covering gradually as you see the young shoots pushing up. Turn the ground over between the plants with a small, hand-fork and sprinkle a few seeds of shallow-rooting annuals, if you wish, or transplant between the bulbs later on, plants of annuals taken from your hot-beds. Never pick the leaves from rare varieties as the strength of the bulb decreases for every leaf you remove, so, for the house or for shows take foliage from commoner kinds, choosing some that resembles the real kind so that you will not make the mistake of having narrow leaves with a broad-leaved variety or wide with narrow.

Put the rare, expensive kinds in the flower-beds, planting in groups in what one might term the second height of plants, with Peony foliage behind, hardy Chrysanthemums or Irises in between. The tiny, short sorts are suitable for rock-gardens and are best grown there where they have good

drainage and some shelter. A good ground-cover of Thyme is worthwhile for the low white varieties as it prevents soil from dashing on their faces during heavy rains and the careless, forgetful gardener from digging them up unwittingly. Always make a plan when planting bulbs so you will know where they are and so you will be able to put the labels in in the spring as they are so apt to go astray during the winter. Remember never to plant in rows.

It pays to buy a few of a good variety rather than many of a poor one for the fine sorts will increase, in most cases, just as fast as the trashy ones.

In selecting varieties, the choice should be governed by the exposure, soil and effect desired.

The most attractive way to use Narcissi is in the grass and the finest effects are obtained this way. In making a naturalistic planting always consider how it will look from a distance as well as when you are close to it. You can never be sure if it is successful until you have viewed it from a hill or the second or third storey of your house. Remember to ascertain if there is a prevailing wind, and make the planting follow it logically.

Have the heavier parts of the "drifts" towards the quarter from which the wind blows and the scattered plants the other way, as if seed had been blown in that direction. Think, too, of the slope of the ground and if it is very abrupt, that the wash of heavy rains might have swept seeds and bulblets down, so that if the wind is not shown definitely by the slant of trees or shrubs you may quite properly, on such a hillside, have the heavier masses below and the lighter parts up the hill.

Then consider the viewpoint and make the planting across the usual line of vision, for it can readily be understood that if it goes with the eye the effect will be neutralized. Never plant thickly, for if you do, the result will always be lumpy and lack grace and by all means leave open spaces, especially in the centre of a meadow or valley. Narcissi are excellent for using to pull the planting at the edge of a lawn down to the surface. By naturalizing them about the borders of woods there is produced a blended effect that is extremely pleasing.

Where bulbs are planted in grass it is necessary not to mow until the leaves of the bulbs have ripened off and if the leaves

are well dried and will not bother stock that may feed on the hay. Cattle and sheep dislike to eat the foliage of Daffodils as there are tiny bundles of sharp crystals known as *raphides* in the leaves. The heat of the mouth releases these needle-like substances and they prick the lining of the mouth and throat.

There is a poison in some of the groups of Narcissi but evidently not one severe enough to cause more than sickness and discomfort, as actual deaths have not, to my knowledge, been recorded. I heard a rumor of two deaths in France but have not been able to confirm it as yet.

In naturalizing bulbs they are best thrown about in "drifts" or groups and should never be mixed before scattering. Never buy mixed bulbs, either. A number of varieties may be used if care is taken to blend the drifts, not letting a strong yellow come next to a dead white, but using a creamy one or one with an orange cup between. The bulbs can best be planted with a Barr's bulb-planter which is a tool that you step on like a spade and it takes out a cylinder of sod which can be used to plug the next hole. You press the bulb firmly down in the hole, put in the plug and step on it. With two people working, hundreds of bulbs can be planted in a short time.

If the bulb-planters are not available a flap can be made with three cuts of a spade, the bulbs tucked under and the flap pressed back in place. The bulbs should be planted just as they lie, some close, some scattered and it does not matter if they are laid on their sides as they will right themselves. We made a large planting of Daffodils last autumn at the New York Botanical Garden and the men had to use a variety of tools. They tried two short crow-bars and heavy chisels. These were rocked back and forth to make the holes but it was an unsatisfactory method as the soil was packed to the sides of the hole and there was none to fill in with after the bulb had been set. We had to cart earth to fill later.

Daffodils can be naturalized in open woods such as a birch copse and for this purpose Leedsii and poeticus varieties are best. They need not be in very dry ground provided it is well drained and the water runs off rapidly, not staying around the bulbs. A quite damp, but well drained, meadow in winter which dries out in summer, is perfectly suitable and they

may also be very near the edge of a stream so long as they are above where the water will lie continuously.

The diseases to which Daffodils are subject need not disturb us over here in spite of the alarms and excursions of the Federal Horticultural Board. So long as you burn any bulbs you may encounter that are soft and "squeezy" you will have no trouble and in all the years I have handled Narcissus bulbs, among all the thousands I have seen, I suppose, not more than two dozen bulbs looked as if they *might* be diseased. The Narcissus fly was very bad in England but our foreign friends have learned to control these pests and the Federal Horticultural Board admits we can learn to do the same. The eel-worm disease was very bad at one time; however, the hot-water treatment invented by an Englishman and used by English and Dutch growers has controlled and cured that, and it is possible to cure it in the small garden by the use of applications to the ground of corrosive sublimate in a very weak solution about three or four times in the year.

The Federal Horticultural Board says that the Daffodil eel-worm may affect our onion crops but the Daffodil eel-worm adapted himself to Daffodils from being an onion eel-worm first and we have had it in this country for many years and long before Daffodils were imported in great quantities. It seems a dreadful thing to keep out such a fine group of flowers, especially when onions come in freely and probably bring many more onion eel-worms and certainly more than Daffodils do. Growing a few bulbs in pebbles is the quickest way to interest the cliff-dweller inhabitants of our big cities and it will be a real deprivation to cut out this cheap source of pleasure, because after this quarantine goes on the prices will be prohibitive for any but the rich.

Excellent varieties of Narcissi to use for naturalizing are:

Any of the poeticus varieties.

Any with Leedsii "blood."

Barri conspicuus, Seagull, Branston, Blackwell, Autocrat, Sir Watkin, Fairy (trumpet), Blood Orange, Argent, Stella Butterfly, The Star, Frank Miles.

Good Daffodils are:

Yellow Trumpets

Emperor

Olympia

King Alfred
Fairy, best early
Cleopatra, best

Bicolor Trumpets
Duke of Bedford
Weardale Perfection, most beautiful
Victoria, good
Van Waveren's Giant
Spring Glory, good

White Trumpets
Peter Barr
Loveliness
Lady Audrey
Madame de Graaff
Alice Knights, best of less expensive
Madame Ernest Krelage, best
W. P. Milner, for rock garden

Incomparabilis
Sir Watkin
Frank Miles
Autocrat
Great Warley
Will Scarlet
Marina
Whitewell
Gloria Mundi
Croesus, best
Blackwell
Bernardine, splendid
Bedouin, very good
Bath's Flame
Brilliancy
Holbein

Barrii
Conspicuus
Sea Gull, very good
Albatross
Branston
Masterpiece
Mrs. Chester Jay Hunt

Red Beacon
Cossack

Giant Leedsii

Sirdar
Czarina
Lord Kitchener
Mermaid
White Queen
Her Grace
Kingdom
St. Vincent, best

Leedsii

Queen of the North
St. Olaf
Evangeline
White Lady
Mrs. Langtry
Minnie Hume
Maggie May
Fairy Queen
Undine

Doubles

Argent
Plenipo
Primrose Phoenix, most beautiful
Jonquilla rugulosus plenus
The Pearl

Poeticus

Themla
Epic, late
Cassandra
Glory
Glory of Lisse
Almira
Recurvus, late
Horace
Juliet

Poetaz

Haemon
Antigone
Admiration, best

Books on the Daffodil

Daffodils, by Rev. Joseph Jacob. Stokes.

The Book on the Daffodil, Rev. S. E. Bourne. John Lane.

Daffodils, G. N. Kirby. Doubleday Page.

The Narcissus, its History and Culture, Burbidge and Baker. Reeve.

The Daffodil Year Books of the Royal Horticultural Society, (3).

My Garden in Spring, E. Augustus Bowles. Dodge.

Special Prizes Offered

Five special prizes are offered by Mrs. Bayard Thayer, as follows:

	1st	2d
For the best group of Azalea viscosa (Clammy Azalea), not less than 12 plants	$30	$20
For the best group of Ilex verticillata (Black Alder,) not less than 12 plants	30	20
For the best group of Hamamelis virginiana (Witchhazel), not less than 12 plants	30	20
For the best group of Magnolia virginiana (glauca) (Sweet Bay), not less than 12 plants	30	20
For the best group of Kalmia latifolia (Mountain Laurel), not less than 12 plants	30	20

These prizes will be awarded in 1927 for groups grown from nursery stock and established in Massachusetts during the year 1925. Entries are to be made to the Secretary of the Massachusetts Horticultural Society on or before March 1, 1927. Mrs. Thayer also offers similar prizes for groups established in 1926 and 1927 respectively.

Prizes for Lobelia Cardinalis

Mr. Albert C. Burrage, president of the Massachusetts Horticultural Society, offers a $100 silver cup to be awarded in 1926 for the best colony of Lobelia cardinalis (Cardinal Flower) having not less than one hundred plants, established in the year 1925. Entries must be made to the Secretary of the Massachusetts Horticultural Society on or before August 1, 1926.

The President of the Massachusetts Horticultural Society has appointed Mrs. Bayard Thayer and Mr. H. H. Richardson to act as the judges in the above competitions.

Hillcrest Prizes for Blueberries and Huckleberries

Miss Marian R. Case of Weston, Massachusetts, offers a prize of $25 for the improvement of the blueberry by cultivation in Massachusetts.

Also a prize of $25 for the improvement of the huckleberry by cultivation in Massachusetts.

Intending competitors are referred to the Committee on Exhibitions for further particulars regarding these prizes.

Contributions to the Society

The following special contributions to the Massachusetts Horticultural Society are announced for 1926 and future years:

By the American Peony Society, a silver medal for Peonies, offered at the Peony Exhibition.

By Albert C. Burrage, seven $100 silver cups, to be competed for at the seven exhibitions of 1926, and one $50 silver cup offered for the best garden made by a boy or girl under 18 years of age, who is a member or one of whose parents is a member of the Society.

By Albert C. Burrage, a $100 silver cup, for the best colony of Lobelia cardinalis.

By Miss Marian Roby Case, $50: $25 for the improvement of the Blueberry and $25 for the Huckleberry in Massachusetts.

By William B. H. Dowse, a silver cup, as a prize for superior vegetables.

By Mrs. Bayard Thayer, $750, for Shrubs in Gardens.

By the Horticultural Society of New York, $100 to be used for a gold medal at the Spring Exhibition.

By the Pennsylvania Horticultural Society, a gold medal, to be awarded at the Spring Exhibition.

One-Hundred-Dollars each for Silver Cups, plate or other awards at the Spring Exhibition, offered by the following:

John S. Ames
Albert C. Burrage
Mrs. Albert C. Burrage
Miss Marian Roby Case
Howard Coonley
Mr. and Mrs. R. T. Crane, Jr.
Mrs. S. V. R. Crosby
Mrs. F. B. Crowninshield
Mrs. Homer Gage
Walter Hunnewell
Harlan P. Kelsey
Nathaniel T. Kidder
Arthur Lyman
Mrs. William H. Moore
Professor C. S. Sargent
Mrs. Bayard Thayer
Edwin S. Webster
Mrs. Charles G. Weld

Gifts for the General Activities of the Society:

Miss Mary P. Stone $25.00
Mrs. T. Morris Murray 10.00

Mrs. Cornelia Goezel	$10.00
G. H. Hawksley	1.00
Mrs. Augustus Eustis	20.00
Mrs. Benjamin L. Young	10.00

Donations to the Work of the Library:

George Churcher	3.00
Mrs. Homer Gage	50.00

Grape Culture by the Amateur*

In beginning I will state that I know nothing about the cultivation of Grapes in a commercial way, and purpose only to give you a few points gained from my own experience as an amateur.

I am what my own family style a "front door farmer," and have no desire to raise a large quantity of fruit, but do insist that every Apple, Pear, Peach, Plum, bunch of Grapes or Currants, or other fruit on my place shall be a perfect specimen of its kind, good enough to show, every inferior specimen being ruthlessly removed while still small.

I advise those who desire information concerning the raising of Grapes for market to visit some such vineyard as that of Mr. Edward R. Farrar of South Lincoln, where fruit is produced that in the local markets sells for satisfactory prices, several cents a pound more than the basket fruit from outside the state.

I shall not bore you with any long, learned disquisition upon the origin of the Grape, partly because it happened so long ago that my memory, ancient though I am, is a little hazy upon that point, but will only state that its printed history is as old as that of man and is interwritten with it.

In the Old World there is but one species of the Grape cultivated, the *Vitis vinifera,* while there are scores of species indigenous to America, some of which, hybridized with the foreign *V. vinifera,* have produced the varieties now cultivated in the Eastern section of our country.

This Old World species cannot be grown commercially in this country east of the Rocky Mountains, only in a small way in favored localities by the amateur, although attempts have been made to establish commercial vineyards of it ever since the country was first settled.

One reason for these failures is that the climate of Eastern America is not equable, alternating between the extremes of heat and cold.

On my small place of only about one acre, on which are scores of Apple, Pear, Peach and Plum trees, and all kinds of berry bushes, I have found room for more than one hun-

*A lecture delivered at Horticultural Hall, Sept. 8, 1925, by Dr. Walter G. Kendall of Atlantic.

dred Grape vines and have yet to learn that they produce any too much fruit, for, although my family is small, I have complaisant neighbors.

I have fallen into the habit of including a few Grape vines in my annual order to the nurseryman and have never had occasion to throw away any of them, for they will grow almost anywhere, along a fence, on a trellis, on the back porch, or the summer house, where shade or privacy are desired, and, in the Fall will furnish one with an abundance of delicious fruit, thus contriving a double debt to pay.

Not only are they beautiful in themselves, when properly attended to, but they are more suggestive of home than any other vine, and to "sit under his own vine and fig tree," was the patriarch's idea of peace and contentment.

If I had room for but two plants on my place, one would be a Grape vine and the other a Peach tree, the two fruit producers that, in my opinion, give the quickest, surest, most satisfactory results.

Grape vines will not flourish on a low, wet soil, but should be given one that is sweet and well drained, preferably of loam, or a combination of gravel, sand and clay.

Do not plant in a situation that will necessitate the vines being trained in the shade as they will not even flower unless in the sunshine, of which there is not too much for Grapes in this latitude.

Dig holes 15 inches wide, 15 inches deep and 8 feet apart.

In the bottom of hole throw a couple fork-fulls of well rotted sod, and on this several inches of loam on which spread the roots of the vine horizontally, seeing that they do not cross each other.

Before starting to plant trim the tops of the vines to two or three buds of last year's growth and the roots to eight inches in length, then place them in a pail of water, taking out one at a time to be planted.

With the shortened roots spread out horizontally, at a depth that will bring one or two buds at the surface, throw in several inches of the best fine soil, step in the hole and tramp the earth down solidly. Repeat the process, using the poorer earth in upper part of the hole, but do not tramp the last few inches as it may serve as a mulch. This making the earth as solid as possible over the roots of any trans-

ferred plant is absolutely necessary and should never be omitted.

The first season's shoots need no attention, beyond the removal of weak growth, leaving one or two of the stronger canes to grow and tying these up loosely to a stake to lessen danger of their being broken down by roaming children, dogs and cats; and in the Fall the vine is to be cut back to two or three eyes, the strongest shoot from which is to be allowed to grow the second season, to form the permanent trunk or stalk.

There are many systems of training, too many for me to describe, and from which one can select the best for his individual taste.

On those vines that I train on trellis, I allow two canes to grow each season, to bear the following season, stopping them when each has grown some ten feet, and on vines that are trained to an upright such as a stake, a post or an old tree, I allow but one cane to grow, in both cases repressing all other unnecessary growth such as weak laterals and shoots and sending the strength of the plant into the canes that are to be retained, and into the fruit on bearing canes.

Do not prune too severely in the summer as the growing plant needs the leaves in which are elaborated its food, and if too many of these are removed the root growth will be checked and the fruit will not develop or ripen properly. Should a bud start more than one shoot pinch off the weaker one while it is still young and it is my practice to pinch off the ends of the laterals some four or five leaves beyond the last bunch of fruit, throwing the energy of the plant into the fruit rather than into unproductive growth.

I believe in severe winter pruning—not too early in the season—say after March first, always bearing in mind the fact that the fruit of the present year will be on shoots of this year which grow from canes of last year, or from older wood, and that old wood never bears fruit again, and not leaving any more bearing cane than the roots can easily take care of, else the vitality of the plant will be sapped.

Should a vine go for a few years without any pruning it will bear but a dozen or so scraggly clusters; but if nine-tenths of the wood is removed, leaving some thirty buds, the yield of high quality fruit, will be increased.

Allow no fruit to set until the third year, when, if the vine has made a good growth, a few bunches may be allowed to remain, after that, with proper cultivation and fertilizing, full crops should be secured for generations from the same vine in the same soil, a great contrast to the smaller fruits that have to be renewed every few years.

I have one Isabella vine that must be more than 75 years old, from which, since I have learned to prune it properly, rigorously, I gather every year, three times as much fruit as is borne on any other of my vines.

At some of the other old homesteads there are vines that, in the score of years since they were planted, have established such root systems that such treatment as I have advised for the beginner would not be advisable; some of these vines produce each year quantities of fruit that would spell ruin for younger plants.

The most notable example of this kind, to my knowledge, one worth a special pilgrimage to see, is the Concord vine, given by its originator Mr. Bull, to the grandfather of Mr. Wilfrid Wheeler, and which has been trained to cover a goodly part of the Wheeler Homestead, where it bears several hundreds of pounds of fruit each season.

This is the oldest bearing Concord vine in existence.

The original Concord vine is still growing in the town it made famous, cared for by the town fathers, but it no longer bears fruit.

Be careful that the vines do not overbear, as this spells injury from which they might never recover: I often, in June, take off three-quarters of the young grapes on some vines, and, later, find it necessary to again thin out the fruit, selecting, of course, the smaller, ill shapen bunches for removal, and leaving only one, or at most two of the best shaped bunches on a lateral.

Some varieties call for more severe thinning out than others, but no vine under general vineyard conditions should be allowed to ripen more than 12 or 15 pounds of fruit, and that much only after having been established for several years and of vigorous growth. This would mean some forty clusters, while on some of my favorite vines I allow but a dozen or fifteen clusters to mature for exhibition purposes.

Fertilize each year for, although like the traditional

spaniel the Grape vine will survive neglect, it will likewise respond to good treatment, and thorough pruning, cultivation and fertilizing are necessary if one wants handsome, well flavored fruit.

If your soil lacks humus, it can be furnished by the use of stable manure, if you can get it, and for several years I used a few handfuls of ground bone and wood ashes to each plant, but since have learned that quickly available nitrogen in the shape of nitrate of soda, a small handful to each plant, applied soon after the plant begins to leaf in the spring—results in more and better fruit and greater cane growth than the other elements, phosphorus and potassium.

Lime is not needed in the vineyard, its repeated use results in delayed maturing of both fruits and cane growth.

My favorite spraying material for all plants is Pyrox, a combination of Bordeaux mixture, arsenate of lead and some sticky substance that causes it to adhere to the foliage.

But do not spray while the grapes are in bloom; also be careful that the summer tying up of the young growth is loose enough to allow for growth of the canes, and do not cultivate too deeply, four or five inches will be sufficient to encourage growth and not disturb the rootlets.

Go slowly in selecting your varieties, for it takes four years to correct a mistake.

Many a vine have I planted, fostered carefully for several years until it fruited only to be dug up and thrown away, because its fruit did not suit me, wasted time because of too implicit confidence in the nurseryman's catalog and his assurance had been guided by the commercial grower who requires a berry that, as a rule, the amateur would not tolerate in his garden.

For instances, the much touted Moore's Early and Campbell's Early, varieties inferior in quality to those I shall mention.

Many of the most popular market Grapes have little value in the home garden, while several of the most delicious varieties never get into the market, being too delicate to stand transportation. Also there are several excellent varieties—such as Catawba, Goethe and Jefferson, for which our season is not long enough, however well they may succeed in other latitudes.

If one has plenty of room, a lot of satisfaction can be had from outdoor cultivation of the hothouse varieties—such as Black Hamburgh, the vines to be laid down and covered in shallow trenches in the Fall for Winter protection, and, also a few wild ones can be transplanted from the woods, to the gratification of the housekeeper, since Grape jelly beyond compare, comes from them.

We are but beginning the breeding of the American Grape in this country, but the New York State Agricultural Experiment Station at Geneva, in the great Grape section of the East, under the able direction of Prof. U. P. Hedrick, has, already, grown more than 25,000 seedling Grapes in the endeavor to produce varieties with a larger percentage of European blood than any of those now commonly cultivated, since the European Grapes are, usually, more productive, keep longer, and to many palates, are better flavored than our native sorts.

Among the more promising so far produced is the Brocton, a green dessert Grape that Prof. Hedrick assures me is not excelled by any American variety for the home garden.

I should advise those setting out this, in fact almost any variety, to secure those that have been grafted on other roots—for one of the valuable and interesting discoveries made at the Station is the fact that quality, vigor, and productiveness of some American varieties are greatly increased through grafting on other stocks.

As you all know French viticulture was almost entirely wiped out by the ravages of the root louse, and has been rehabilitated through grafting their Vinifera varieties on our American roots that are resistant to phylloxera, and, also that in California, it was found necessary to resort to the same practice to get away from that pest, that in a few years working on the leaf and root of the Grape wholly destroys the European vine—but does comparatively little damage to the American varieties.

Grafted plants should, certainly, have a place in the home garden, for while the initial cost may be a little more, the markedly superior quality of the fruit produced on them when compared with that grown on our own root plants make them worth while.

Among the other more promising results of the undertaking at the Station to produce hybrids with a combination of fruit characters of the European Grape with the vine characters of our native plants are the Keuka, Ontario, Brocton and Dunkirk, varieties that promise to make history in the grape growing industry.

I have gradually simmered my list of Grapes down to the Green Mountain for the earliest good one, Vergennes for late, with the Brighton, Worden, Delaware, Niagara, Diamond, Salem and Agawan for the intermediate seasons. In addition to these I have several others,—Campbell's Early, Gaertner, McPike, Concord, that I have allowed to remain because of their thrifty growth, but the fruit of which I do not particularly care for.

The Green Mountain is the earliest Grape of good quality. Juicy, sweet, without any of the "foxy" flavor that is disagreeable to many persons. A vine of this variety should be in every garden.

With me, but not with others so far as I can learn, the Brighton is as early as the Green Mountain; weeks ahead of any other variety, giving me numerous large clusters of globes of nectared sweet.

It is a great favorite of mine, second to none. Not being self fertilizing it should be planted among other varieties, for choice near a Worden—one of our best fertilizers.

Another variety excellent as a fertilizer is the Dunkirk—one of the valuable new hybrids produced at the New York Station.

This is very lavish with its pollen, besides being hardy, healthy, and productive of excellent quality fruit.

The Delaware is among Grapes what the Seckel is among Pears—the standard for quality; above criticism.

A strong growing, hardy vine but requiring good cultivation and close pruning to give its best fruit. Especially valuable for the home garden because of its delicious fruit and the lustrous green, delicately formed leaves which make it one of the most ornamental of the Grapes.

The Worden is one of my great favorites, not of the highest quality, but sweet and very juicy, far superior to its parent—the Concord.

This latter will stand neglect better than any other va-

riety that I know of, its one greatest merit, as the fruit is not of high quality.

The Niagara is, probably, the most popular of all Grapes at the present day and, if I were planting for the market, it is the one variety I should confine myself to, as the vine is a strong grower; the fruit large and well shaped in bunch, handsome in color, delicious in flavor and aroma. It requires good culture, but it comes nearer than any other that I know of to being the ideal all around Grape and I have yet to find a person who does not like the Niagara.

It will hang on the vine almost until frost comes and its amber color, delightful aroma, and honey comb flavor increases with every day.

Diamond is a fine juicy white Grape that should not be omitted from the collection. My one special favorite among them all is the Salem, which more resembles the hothouse varieties in size and quality than any other outdoor variety. that I know of; and the Agawam is similar to it; besides being very desirable for making Grape juice.

The Vergennes, having a tough skin and ripening late in the season, can be kept well into winter, and is valuable for that reason, as well as for having a peculiar, delicious flavor all its own. If allowed to, it will overbear and fruit should be rigorously thinned out.

If I had room for but three vines they would be Brighton, Niagara and Worden and if I were setting out fifty Grape vines, ten of them would be Niagara, ten Brighton, ten Worden, five Salem, five Delaware, four Diamond and two each of Green Mountain, Agawam and Vergennes.

With proper care of pruning, spraying, cultivating and fertilizing, these fifty vines should give one nearly half a ton of Grapes year after year with only a small proportion of the care required for small fruits like the Strawberry and he could sing with Omar:

> "Waste not your hour, in the vain pursuit
> Of this and that endeavor and dispute;
> Better be jocund with the friendly grape
> Than sadden after none, or bitter, fruit."

Growing Grapes Under Glass*

In my experience I have found that there are three things that count for success in growing good Grapes under glass. The first is the making of the border. The second is the selection of young canes, and the third, deep planting. In making the border, where the roots are to be confined to the inside of the house, I dig down to a depth of four and a half feet, four feet at the side and four and a half feet in the center. That gives the bottom a good slope. Then I dig a trench from the center of the house to a point outside, using pitch enough to take care of excessive water.

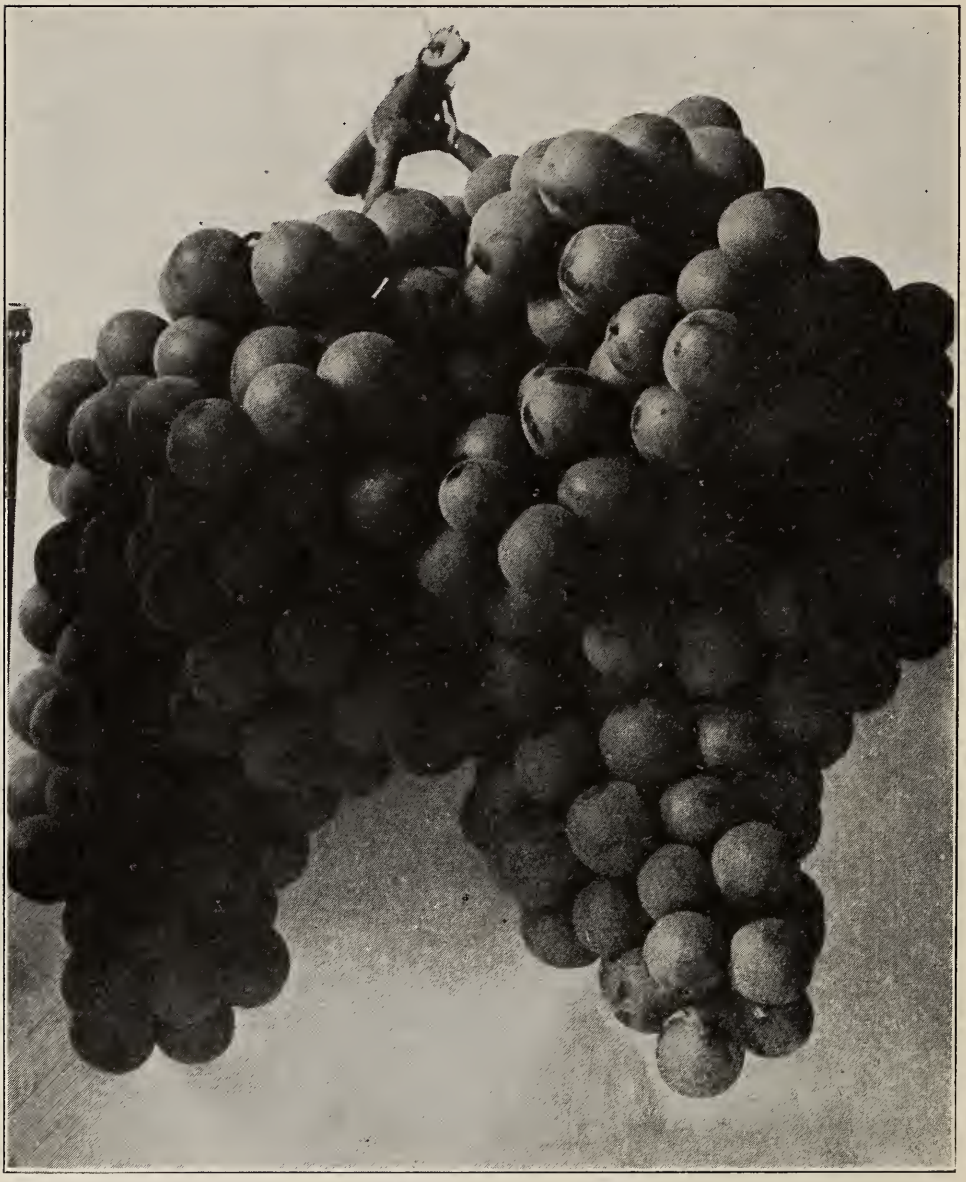
I put a six-inch tile pipe in this trench, covering the open end in the center of the house with a coarse grating, and fill the trench with earth. On top of this I put three inches of coarse concrete to keep the roots from going outside. The foundation walls must be made of concrete or stone put up with plenty of mortar. A layer of broken stone, one foot deep in the center and six inches deep on the sides is placed on top of the concrete to make a level surface. Then on top of the stone I place two layers of sod, grass side down, each layer three inches thick, and tramp it down solid.

The sod and soil I use is a very dark red with a large amount of clay in it. I do not care for black, light soil as it soon runs out and loses its strength. I spread a good covering of one-inch bone over the sod, and on top of that I place about three inches of fresh cow manure, covering it a foot deep with coarse soil that has been mixed with old lime mortar, about one of mortar to ten of soil. I firm this down with a heavy tamper to make it good and solid. I then fill the rest of the border with soil which was piled up the fall before. This soil is not made very rich. I make it one foot of thick sod and two inches of fresh cow manure until the pile is four feet high. Then in the spring I grub it down, mix a little ground bone and wood ashes with it, and fill the house to floor level, tramping it down firmly. I find it best to fill the border all at one time.

In selecting young canes to be planted always pick those two-year-olds which have long joints and thick canes. The

*By Archibald Wagstaff, gardener for Edward R. Peirce, Wellesley Farms, to whom the President's Cup was awarded June 27.

joints should be six inches between the eyes to make the best growth. When the young cane makes about fifteen feet growth, pinch the point off. This will help to thicken the canes.



Prize Winning Black Hamburgh Grapes grown by Archibald Wagstaff

In planting the young canes I dig holes eighteen inches deep and fifteen inches wide. I then knock the plants out of eight-inch pots, spread the roots out at the bottom of the ball, and put them in the holes, covering the ball and two

eyes on the canes and tramping them in firmly. Roots will soon grow from the eyes which are covered and will help the vine to grow much faster. I cut the cane down to a good eye about six or eight inches above ground.

After planting I set a sprinkler going and water the border thoroughly to the bottom and about five to seven feet out from the plants. I keep the whole surface moist through the growing season, but stop watering about the first of August and give all the air possible, letting the wood ripen up well. A light freezing helps, say ten degrees of frost.

About the first of February I cut the canes back to about six feet from the ground and clean out the house. Then the first of March I put a layer of fresh cow manure on, three inches thick, and fork it in very lightly not over three inches deep. I then place two inches of fresh soil over the manure, water it in thoroughly, and grow on through the season as before, except that after the vines have been growing three months a little liquid manure applied will help them.

The next or third spring, I cut the canes back to about thirteen feet from the ground, also cutting the fruiting or side shoots on the first year's growth back to one good eye. I then clean out the house, manure and water as before, only adding a sprinkling of both Thompson's bone and wood ashes this time. This being the third year, one or two bunches may be allowed to grow on a cane, and the following season about six bunches, but never at any time should there be more than thirty pounds to canes twenty-five feet long, as it will hurt them and they will show the fact the next spring by being slow to start, and after starting make weak growth.

It is best to start the vines at a temperature of 40 to 45 degrees at night with a rise of 10 to 15 degrees in the sunlight, and with a rise of 10 degrees every two weeks, 65 degrees at night is right for all varieties except Muscat Alexandria, which requires a temperature of 70 degrees at night.

After the bunches are thinned I feed the plants with liquid cow manure and clay fertilizer. In a house 25 feet square I sprinkle ten pounds of clay all over the border, raking it in with an iron rake. Then I put on 600 gallons of the liquid cow manure. Using a 50-gallon barrel, I get a coarse grain bag and put in it two-thirds of a bushel of fresh cow manure, put this in the barrel, stir it well and then pour it all over the border.

After that I set the sprinkler going and wash it down into the soil so that it reaches the bottom of the border.

Anyone wishing for more information may purchase a book written by William Turner, on "Fruits and Vegetables Grown Under Glass." By following his instructions anyone can grow good fruit or vegetables.

ARCHIBALD WAGSTAFF.

Wellesley Farms.

Exhibitions and Lectures for 1926

Grand Spring Exhibition, March 17-21

March 18-19. E. H. Wilson, the Arnold Arboretum
"Flowers of the Orient"
March 20-21. Max Schling, of New York City
"The Arrangement of Cut Flowers"

Rhododendron, Azalea and Iris Exhibition, June 5-6

Edwin Jenkins, of Lenox, Mass.
"Color in the Garden"

Peony Exhibition, June 19-20

A. B. Stout, of New York City
"Lilies in the Home Garden"

Rose, Strawberry and Sweet Pea Exhibition, June 26-27

O. M. Taylor, of Geneva, N. Y.
"Strawberries in the Home Garden"

Gladiolus Exhibition, August 21-23

Round Table

Growers Invited to Participate: A. E. Kunderd, Goshen, Ind.; Richard Diener, Kentfield, Calif.; J. A. Kemp, Little Silver, N. J.; Eugene N. Fisher, Sharon, Mass.; Mrs. A. H. Austin, Ravenna, Ohio; William Purple, Canandaigua, N. Y.; Joe Coleman, Ravenna, Ohio; Clark W. Brown, Ashland, Mass.; Charles Gersdorff, Washington, D. C. and J. W. Crow, Simcoe, Ont., Canada.

Exhibition of the Products of Children's Gardens, August 28-29

Van Evrie Kilpatrick, of New York City
"Children's Garden Work in New York"

Dahlia Exhibition, September 11-12

W. H. Waite, of Rumson, N. J.
"How to Grow Dahlias"

Grand Autumn Exhibition of Plants, Flowers, Fruits and Vegetables, November 5-6-7

Demonstration by the Cranberry Experiment Station

Exhibit of L. L. Branthover, which won the President's Cup at the Dahlia Show

Up-to-Date Dahlia Culture*

The Dahlia has become, within the last ten years, one of the most popular flowers cultivated in gardens. It has passed the stage when the clumps were dug in the fall, marked with a colored string or a strip of colored calico, stored in the dirt-floored cellar and planted in the spring just as they were dug. Now the clump is carefully dug, tagged with one of the 10,000 or more names and stored under more or less favorable conditions. When spring approaches, the clumps are carefully divided and only a single tuberous root, with an "eye" attached, planted.

Many things have contributed to the popularity of this flower. If planted early and properly cultivated, it will produce flowers continuously from the middle of July until cut down by frost, usually not earlier than September 15, thus producing uninterrupted bloom for two months. Modern methods of seed-sowing and selection have increased the number of varieties tremendously, so that a complete range of colors from white to deepest maroon, including the bronzes and yellows and salmons of the autumn tints, is available. Variations in form from the symmetrical formal ball of the show type to the loose, airy petallage of the incurved cactus type provide forms that will suit any person. In size, they range from the two-inch pompon to the giant (and often gross) decorative, which may attain a diameter of twelve inches or more. There are the giants for the exhibition table or large decoration, the medium sized varieties which are more utilitarian and can be used extensively for house decoration and for florists' work; and now the dwarf, small flowered bedding types are coming into greater use for garden decorations. In fact, although some persons are prejudiced against the Dahlia, it contains types that would please the veriest iconoclast, if they are given an opportunity. Ease of culture is another contributing factor.

Essentials of Culture

The Dahlia is one of the easiest garden plants to grow. The soil should be one that is retentive of moisture and with

*A lecture by Charles H. Connors of the New Jersey Agricultural Experiment Station, New Brunswick, N. J., delivered at Horticultural Hall, Sept. 12, 1925.

a good underdrainage. The Dahlia will not tolerate wet feet. A good sandy loam with a sand or gravel subsoil seems to fill the requirements. Even the heaviest and lightest soils, however, can be adjusted in physical texture so that excellent results can be obtained.

In the case of heavy soils, the use of plenty of stable manure, dug in in the fall, (if not rotted) or the spring (if well rotted) will aid materially. The use of sand, if available, or sifted coal ashes, will be found of value in making the soil more friable. If the soils are very light, the use of manure is advocated. In extreme cases, clay can be added and mixed in the top soil. Often a sandy top-soil has an open clay subsoil, in which case, plowing or digging an inch or two deeper each year will help to ameliorate the texture of the top-soil.

Fertilizers

The Dahlia is a plant which is naturally adapted to taking its food from rather crude materials. It has been found that ground bone, at the rate of 1 pound to forty square feet is about the best fertilizer to apply early. To this may be added sulphate or muriate of potash, at the rate of 1 pound to 250 square feet. This is broadcasted and cultivated in just before planting. A similar application may be made about August 1.

The size of the flowers may be increased by using a stimulant, such as manure water, sheep manure, tankage or dried blood, after the buds have been allowed to set.

The use of excessive amounts of nitrogenous fertilizer should be avoided. If applied early, the plant will grow to leaf and stem with a few small flowers. If applied late, the flowers may be soft and may not keep well and the tubers are apt to remain unripened and hence keep poorly in storage.

Water Requirements

The Dahlia is a very succulent plant and requires considerable amounts of water. If the soil has a good water holding capacity, and there are rains just before planting, there will be no need of extra watering, except when green plants are used. These should be watered well when set. The soil should be kept cultivated, which will aid in conserv-

ing moisture. If a drought is imminent, it may be necessary to water, in which case soak the soil, weekly, to a depth of six inches, cultivating as soon as the surface can be worked, which is far better than moistening the surface daily, and actually requires less water.

Diseases and Insects

There are no serious diseases of the Dahlia, except the stunt, and this is now believed to be the work of insects.

In the insects, the borer, the leafhopper, the tarnished plant bug, and the thrips, all pass part of their life-cycle in weeds or under rubbish. The first control measure is to clean up and burn in the autumn all weeds and rubbish in the garden and to induce all the neighbors to do the same thing.

Thrips and leafhoppers are responsible for poor growth, to a considerable extent, and if they should happen to attack the plants during a hot dry spell, the effects of their work may be very serious. A considerable part of the dwarfing of plants, especially during the past few years, is believed due to thrips; and leaf-hoppers also take their toll, leaving as their contribution yellow leaves and weakened vitality. The control of these in the early part of the life of the plant, by frequent dustings with nicotine dust or sprayings with nicotine sulphate and soap will go a long way toward the production of healthy plants and good flowers.

Storage of Tubers

The successful wintering of Dahlia roots hinges on several factors.

The first of these is the proper maturing of the tubers. It is wise to withhold stimulating plant food from the plants for two or three weeks before frost is expected. At the same time, it is wise to allow all buds to open. It is hardly possible to force a plant for exhibition blooms and expect to get good clumps of tubers that will save.

The second factor is the proper curing of the tubers after they are dug. The evidence is that "black rot" of the stems is caused by placing the roots in storage before the stalk is well dried out. In case the clump is large and the stalk very heavy, it may be wise to split the clump, so that the excess moisture will dry quickly from the stalk.

The third factor is proper storage facilities. The temperature of the room should be about 40 degrees, with good ventilation. This cannot always be obtained; but a small closet can be built around a cellar window, using plasterboard or light lumber. If this is not feasible, the roots should be stored as far as possible from the furnace and insulated against the heat, by the use of newspapers, and the like. Fresh clean sand makes a good insulator. If the storage is hot, and examination shows the tubers to be shriveling, moist paper or burlaps on top of the sand will help.

Conclusion

After all, experience is the best guide. We prefer to select our varieties from the show garden, or the show bench, where we can see them. All our other garden operations should be governed by the spirit of inquiry and we shall learn that our own experience in handling plants under our own peculiar conditions is worth more to us than all the books that could be written except in the matter of fundamental principle.

Any one can grow good Dahlias if he will study his soil and plants, and give them the best treatment possible under his conditions.

Benevolent Fraternity Fruit and Flower Mission

December 31, 1925.

This is an account of stewardship of the Benevolent Fraternity Fruit and Flower Mission through the summer of 1925.

The flowers brought in to the North and South Stations have been given regularly to organizations, such as the Psychopathic and Massachusetts General Hospitals, the Elizabeth Peabody House and Boston Dispensary. The Army and Navy Club has taken the Tuesday flowers from the North Station to the Chelsea Naval Hospital. Thus twelve places have been supplied.

The hamper work has continued as formerly and at least twenty-two organizations in the neighborhoods of the four receiving stations, South Bay Union, Bulfinch Place Church, North End Union and Robert Gould Shaw House, have been supplied. Many individual bouquets have gone to the sick and shut-in.

The headquarters in Horticultural Hall has been the cement that has held the whole together. The office was opened June 1st, a telephone installed and a worker stationed there. This has meant straightening out arising difficulties in the above two methods of distribution.

Flowers have been received very regularly from some sincere friends and have been carefully distributed.

The gift, alone, of the flowers after the exhibitions of the Horticultural Society would have made the work worth while. Eight such exhibitions have taken place. As a result, flowers have been given to twenty-one institutions in one day.

Nearly all the hospitals and welfare organizations send for the flowers and their acknowledgments express great appreciation. The Red Cross Volunteer Motor Corps has distributed to the hospitals unable to send, and private automobiles have helped among other institutions.

The gifts from the Boston Flower Exchange have been liberal and timely, and have gladdened the hearts of many in the hospital wards. One day after a gift from them of many beautiful Sweet Peas, tied in bunches, just ready to send to

the Boston Lying-in-Hospital, this note was received, "They were very wonderful flowers and we were happy to be remembered."

Vegetables and fruit are needed and may be sent in bags or cartons to either the North or South Stations free of charge, or to Horticultural Hall. The receipt of these means a great deal in the drab lives of the mothers and children in the crowded parts of Boston for they will be distributed among the undernourished.

To the railroads of Massachusetts we are greatly indebted and have been for many years. The care and kindliness shown by every railroad man, who make the arrangements, or who handles the flowers in any way, is appreciated.

Mrs. George Root.

Belmont, Mass.

Exhibit made by Miss Marian R. Case, of Hillcrest Gardens, Weston, at the Grand Autumn Exhibition in 1925, and Awarded a Silver Medal

House Plants*

There can be no question but that ordinarily conditions in the home are unfavorable for growing plants; with this idea in mind, we shall consider some of the conditions which often cause failure in attempting to grow plants indoors, together with the conditions and factors which should bring success.

There are four important causes to which failure with plants in the home may usually be attributed:

1. A lack of knowledge of the vital needs of the plant. The growing of plants successfully requires more than merely putting a plant in a pot or sowing the seed in the soil, and then expecting the plant to shift for itself. The plant must have food and water continually; therefore, one should have a knowledge of the needs and requirements of a plant in order to grow it successfully, such as the type of soil required, the amount of food needed, the amount of water, and the amount of light necessary.

2. The selection of plants which are not suited to the conditions of the room in which they are to be grown; for example, the growing of plants requiring sunlight in a room which receives no sun; attempting to grow plants which cannot endure the dry atmosphere and uneven temperature of the ordinary living room; attempting to grow plants, which require a high temperature, in a temperature cooler than that which favors their best development.

3. Neglect, probably the most common cause of failure. A plant requires careful attention if it is to be grown well. A plant is not helped by being watered at occasional times when it happens to be remembered; it should receive the proper amount of water at the proper time. It should be given additional fertilizer when necessary; it should be given a larger pot when necessary; it should be kept free from insect pests. In other words the plant should be watched carefully and given such treatment as it needs.

4. Injurious Gases.

a. Coal gas. Some plants are very sensitive to it; leaves

*A lecture by Prof. Clark L. Thayer, Massachusetts Agricultural College, Amherst, Mass., at Horticultural Hall, Nov. 7 and 8, 1925.

of the Jerusalem Cherry drop very quickly if coal gas is present.

b. Illuminating gas. This is not extremely injurious to tough leaved plants, such as Aspidistra and Rubber Plants, but it stunts or eventually kills such plants as Geraniums, Begonias, Coleus, Heliotropes, Cinerarias and many others. Carnation flowers "go to sleep" and refuse to open again. In many cases flower buds fail to open if there is a very small amount of gas present, such a quantity that the nose does not detect it.

Now let us turn our attention to a consideration of the conditions which make for success in growing plants.

1. Light. Of all the factors governing growth in plants, light is one of the most important; a plant may be growing in the proper soil, it may have the necessary amount of moisture, the correct temperature, yet unless it has the proper light conditions it will not thrive. For example, it would be a mistake to attempt to grow Roses in a Palm house, two groups of plants which in many respects require the same conditions of environment, but are totally different as regards light requirements, the Roses requiring all the sunlight they can get and the Palms requiring shade. A certain amount of light is absolutely necessary for all plants which contain chlorophyll (green coloring matter), since the plant's food is manufactured in the green parts of the leaf under the influence of sunlight. If the light is cut off from the leaves, they become functionless, turn yellow, and die. The ability to use raw food materials and to convert them into food available to the plant is lessened or increased, according to the amount of light.

The amount of light required is that which favors the best development of the plant; therefore, it varies with different plants. For example, many of the Ferns, which grow in their native habitat under forest trees, do not require as much sunlight as does the Heliotrope (whose name implies turning toward the sun).

The fact that light is needed by plants is shown when a plant is left in one position for a considerable length of time; as a result the plant becomes one-sided, all growth is towards the light; but by turning the plant frequently, so that all parts of

the plant receive an equal amount of light, it may be kept symmetrical.

In general, southern, western or eastern light is best suited to the flowering plants; northern light in particular to the ferns and foliage plants.

2. Watering. This is one of the most important factors in growing plants; it determines largely success or failure with house plants. Failure from this viewpoint may result from over-watering or under-watering; it is easier to drown a plant than to kill it by drought; if too much water is given, the soil becomes water-logged, sour, and the plant sickens; if too little water is supplied, the plant wilts, leaves burn (if in strong sunlight) or leaves turn yellow and fall from the plant. Thus, it will be seen that there is a happy medium; in general we can say that the soil should be thoroughly moist; naturally there are exceptions to this rule, such as the Cacti and desert plants, such as the Cyperus or umbrella plants, which like abundance of water.

(a) When to water. Water should be given whenever the plant is in need of water. There are two simple tests: (1) rub some of the soil between the fingers; if it pulverizes without caking, it needs water; if it cakes, it requires no water; (2) "rapping" the pots with the knuckles; if the soil is dry, the pot will give off a hollow, ringing sound; if wet, it will give off a dull sound. No hard and fast rule can be given, but water as often as the plant needs it.

(b) How to water. When watering a plant, water it thoroughly; don't give it a little now, a little tomorrow, but water it thoroughly today and not again until it needs it, which may be two or three days during the winter; during the summer, it would be within a shorter time. Give water until it runs through the drainage hole in the bottom of the pot; leave ¼″-1″ space between surface of soil and top of pot when potting; if this is filled when watering, it will usually be sufficient to moisten the soil thoroughly. Use tin or zinc trays in windows, or sauces under individual pots, but do not let the pots stand in water (except in the case of Calla, Cyperus, or Astilbe); if pots are placed in jardinieres, remove surplus water from jardiniere.

If the plants get very dry, let the pots stand in water for 5 minutes, or until the soil is thoroughly soaked.

It is not necessary that plants should be watered with water of the same temperature as that of the room in which they are growing; it may be beneficial but it is not necessary; this method is practiced more with conservatory plants than with house plants. Do not use hot water on plants. However, warm water may be used to hasten growth, especially with the Calla.

Syringing is a fine practice when it can be followed; it keeps the foliage clean, the stomata or breathing pores open, and helps to keep insect pests in check. Use a fine spray and a powerful spray. Do not syringe plants which have leaves densely covered with hairs, for example, the Gloxinia. If syringing cannot be practiced, then washing the plants is the next best thing.

3. Temperature. Every plant has a definite range of temperature in which it makes its best growth; most plants suitable for house culture may be grown in a temperature of sixty to seventy degrees during the day with a drop of ten to fifteen degrees during the night. Plants which require a temperature higher than seventy degrees are hardly considered advisable for growing in th home; plants grown at such a temperature require a more moist atmosphere than can be provided under living room conditions.

4. Humidity. Under ordinary living room conditions the atmosphere is too dry to suit a large number of plants. If many plants are being grown in one room, as in a bay-window or house-conservatory, the humidity is increased by the moisture given off from the soil. But where this is not the case, where there are only a few plants in the room, water should be evaporated in the room in one way or another; from dishes on the radiator, by spraying the plants or keeping sphagnum moss, thoroughly wet on the surface of the soil. Hot air heaters usually have some means for evaporating water into the heated air, so as to give an atmosphere that is not absolutely dry.

5. Ventilation. Plants like plenty of fresh air, but they do not like draughts; ventilate so that cold draughts will not strike directly on the plants. Many plants, grown in a warm temperature and subjected to cold draughts, will lose their foliage.

Soils for Potting

The best results in growing plants are secured by using mixtures of soils adapted to certain classes of plants; all plants will not do equally well in the same kind of soil. Palmer says in "Milady's House Plants," "At one time it was thought essential to success that every species, and sometimes every variety of plant, should be treated to a soil prepared under a very exact formula. It has been discovered through experimenting and observation that nearly all plants will thrive equally well when grown in any well-balanced soil, showing their adaptability to varying conditions that may be imposed upon them. Any variation from this rule is along the line of the texture of the soil rather than of its fertility."

Procuring Soils for Potting

1. Soil. Frequently soil may be taken from a cultivated field or from a garden, and used as it is for a potting soil; but many times such soils are lacking in fibre, in organic matter; therefore, it is often necessary to prepare a soil. The best soil is one composed of rotted sods; it contains plenty of fibre and organic matter, in a well rotted condition. It is prepared by composting in a pile; sod and manure are piled up in the proportion of four parts of inverted sod to one part of manure.

If it is piled up six months before the soil is to be used, the compost should be in good condition when wanted; chopping down once or twice before using, will insure thorough mixing. It is desirable to let the pile stand over winter for the beneficial effects of weathering. When it is impossible to obtain stable manure, pulverized sheep manure may be used in the proportion of one to two quarts to one bushel of garden loam.

2. Leaf mold. This may be obtained from any uncleared woods where leaves have an opportunity to decay; remove loose leaves on top and scrape away the thoroughly decayed leaves. Maple leaves form the best leaf mold; leaves of softwood trees would be next choice; Oak leaves contain more tannin than many others and consequently may be more injurious. If leaf mold cannot be obtained from the woods, then prepare it yourself. In the fall of the year when raking up the leaves, dig a hole in the ground of the desired size and fill with leaves; keep the leaves thoroughly moist and well

packed down; in one year some of the leaves will be in good condition for use; in two years, they should be very well decayed. Or if desired, the leaves may be piled up on top of the ground, kept well moistened and packed down, using boards or some other material to hold them in place. This material is very desirable for mixing with soil for plants having very fine root systems, such as Ferns and Rex Begonias.

Fertilizers

Of the large number of chemical elements known to be in existence, there are only a few which are utilized by the plant. These elements are:

Carbon	Magnesium
Oxygen	Iron
Hydrogen	Sulphur
Nitrogen	Sodium
Phosphorus	Chlorin
Potassium	Silica
Calcium	

The three most important as plant foods are:

Nitrogen	(N)
Phosphorus	(P)
Potassium	(K)

The others are usually found in sufficient quantity in the soil; these three must be supplied in greater quantities by the use of some kind of fertilizer or manure. These may be applied either by mixing with the soil, by using a mulch, or by applying in liquid form when the plant has become established and is in need of additional food.

Functions of the Important Elements

1. Nitrogen. This promotes growth, leaf growth especially; it may cause too rank growth if used in too large quantities. It improves the color of leaf growth, but it is used to stimulate new growth primarily.

2. Phosphorus is used especially to promote bloom; an abundance of this element should be present, especially in the case of flowering plants.

3. Potassium supplements nitrogen, the latter hastening growth, while the potassium promotes vigor and maturity; too much potassium may retard the blooming period.

Animal Manures

The advantages of using animal manures are that

(1) Nitrogen, phosphorus and potassium are added to the soil.

(2) Animal manures improve the physical condition of the soil, making it more open and porous; they lighten a heavy soil and help to retain moisture in a light soil.

Chemical Fertilizers

The advantages of chemical or commercial fertilizers are:

(1) Plant food is usually readily available.

(2) Many chemical fertilizers are practically odorless, an important point in growing flowers indoors.

(3) Many chemical fertilizers may be easily applied in liquid form.

The chief disadvantage is that they do not have the beneficial effects on the soil that are obtained from using manures.

Chemical fertilizers may be bought in tablet or powder form, purchased from florists and seed stores. The fact that they may be purchased in small quantities and are easily applied makes them especially satisfactory for use on house plants.

Liquid manures may be applied to stimulate growth or hasten bloom when the plant has exhausted the food in the soil, becomes pot-bound, or when it is not desirable to shift to a larger pot. Their use may be objectionable to some people on account of the odors.

Horse manure, cow manure, sheep manure, or poultry manure may be used. Water is added and then the materials are allowed to stand for a short time. The solution when applied should have the color of weak tea.

Precautions to Observe

1. Never apply liquid manure too strong; better to use a weak solution and apply more frequently; danger of burning roots with a strong solution.

2. Do not use on dormant plants, only when growth is well started.

3. Never apply when the soil in the pot is dry; always water the soil first.

4. Apply about once in two or three weeks if plants are in a good growing condition.

Bulbs for Indoor Culture

Narcissi	Easter Lilies
Hyacinths	Oxalis
Tulips	Freesias
Crocus	

Other Plants for Indoor Culture

1. Anthericum Mandaianum. Anthericum.
2. Asparagus Sprengeri. Asparagus Fern.
3. " plumosus. " "
4. Aspidistra lurida. Parlor Palm.
5. Begonia Rex. Rex Begonia.
6. " semperflorens. Everblooming Begonias of various kinds.
7. Begonia argenteo-guttata. Trout Begonia.
8. " metallica. Metallic Begonia.
9. " Haageana. Haage's Begonia.
10. Coleus. Numerous varieties.
11. Cyclamen.
12. Cyperus alternifolius. Umbrella Plant.
13. Epiphyllum truncatum. Christmas Cactus.
14. Ferns of various kinds, especially varieties of Pteris, Nephrolepis and Cyrtomium.
15. Ficus elastica. Common Rubber Plant.
16. " pandurata. Fiddle Leaved Rubber Plant.
17. Grevillea robusta. Silk Oak.
18. Impatiens Sultanii. Sultan's Balsam.
19. Kentia Belmoreana. Kentia Palm.
20. Manettia bicolor. Manettia Vine.
21. Pelargonium hortorum. Common Geranium.
22. " peltatum. Ivy leaf Geranium.
23. " domesticum. Martha Washington Geranium.
24. Petunia.
25. Phoenix Roebelenii. Phoenix Palm.
26. Primula chinensis. Chinese Primrose.
27. Saxifraga sarmentosa. Strawberry Saxifrage.
28. Senecio mikanioides. Germany Ivy.
29. Swainsona.
30. Tradescantia. Wandering Jew.

Height and Spread of Some Exotic Trees and Shrubs Observed in Great Britain During the Summer of 1925

By H. H. Richardson a Trustee of the Massachusetts Horticultural Society

Rainfall 45″
Max. temp. 80°
Min. temp. 25°

ABBREVIATIONS

(C)—''Castlewellan''. Estate of Lady Annesley four miles outside of Newcastle.
(G)—Glasnevin Botanic Gardens, Dublin.
(K)—''Kilmacurragh''—Acton estate fifteen miles from Dublin.
(Mt.)—''Mt. Usher''—Mr. Walpole's estate fifteen miles from Dublin.
(P)—''Powerscourt''—Estate of the Earl of Verschoyle and Powerscourt, Enniskerry, twenty miles from Dublin.
''Forbes'' is Professor Forbes of the University of Dublin.

	Height in Feet	Spread in Feet
Abies venusta (C)	80	30
Abies brachyphylla (C)	35	35
Abies Delavayi		
(''Does well in Ireland.''—Forbes.)		
Abies grandis		
(''Gets to be 100 feet in Ireland.''—Forbes.)		
Abies Lowiana (C)	80	20
Abies magnifica		
(''Does not quite reach 100 feet.''—Forbes.)		
Abies Mariesii (C)	30	10
Abies nobilis (G)	60	
Abies religiosa (K)	40	(Spreading: top broken)
Abies Veitchii (C)	40	30
Abies concolor Wattezii (C)	20	8
Agathis australis: Kauri Pine: (Mt.)	20	6
Arbutus unedo (K)	15	
Arbutus Menziesii (Mt.)	25	
Athrotaxis selaginoides (K)	40	40
Athrotaxis cupressoides (P)	20	10
Athrotaxis laxiflora (Mt.)	10	4
Araucaria imbricata (C)	70	40
Araucaria imbricata (G)	40	(1′ 4″ diam.)
(Shoots from roots 3° high)		
Berberis nepalensis (C)	10	15
Buddleia Colvillei (Mt.)	25	
Cryptomeria japonica (C)	60	

	Height in Feet	Spread in Feet
Cryptomeria japonica (G)	30	21
Cupressus lusitanica (K)	60	60
Cupressus macrocarpa (C)	100	40
Cupressus macrocarpa (K)	80	80
(Quantity of stems; used as a hedge plant at Mt. and P.). "Fastest growing tree in Ireland."—Forbes.		
Cupressus macrocarpa var. lutea (C)	30	8
Cupressus nootkatensis (P)	40	30
Dacrydium Franklinii (C)	20	20
Davidia involucrata (Mt.)	10	
(Blooms in upper branches.)		
Davidia involucrata (C)	20	20
Drimys Winteri (Mt.)	30	15
Drimys Winteri (C)	18	15
Drimys Winteri (C)	10	10
Embothrium coccineum (K)	40	40
Eucalyptus: several kinds (Mt.)	60	
Eucalyptus globulus (C)	50	
Eucalyptus Gunnii (C)	50	
Eucommia ulmoides (C)	12	18
(Straggling.)		
Eucryphia cordifolia (C)	30	15
Eucryphia pinnatifolia (C)	20	10
Eucryphia pinnatifolia (C)	15	10
Eugenia apiculata (C)	20	20
Evonymus fimbriata (C)	20	10
Feijoa Sellowiana (C)	10	8
Fitzroya patagonica (K)	50	30
Garrya elliptica (K)	15	
Gaultheria shallon (K)	6	
Libocedrus decurrens (P)	30	20
Libocedrus decurrens (Mt.)	40	6
Lomatia ferruginea (C)	25	20
("Largest in three Kingdoms."—Forbes. In full flower, July 15th.)		
Magnolia Campbellii (K)	40	40
Magnolia salicifolia (Mt.)	20	
Maytenus chiliensis (C)	20	10
Nothofagus Cunninghamii (Mt.)	10	5
Nothofagus fusca (C)	40	20
("In autumn every other leaf scarlet.")		
Nothofagus Moorei (K)	35	30
(Only one in Ireland.)		

	Height in Feet	Spread in Feet
Nothofagus obliqua (K)		
(Young, vigorous tree.)		
Nothofagus obliqua (Mt.)	30	20
Nothofagus obliqua (Mt.)	25	15
(8 years old.)		
Plagianthus betulinus (C)	40	25
Plagianthus Lyallii (C)	40	30
("In full flower no more beautiful tree." Some fragrance. Foliage gray-green.)		
Picea spinulosa (C)	70	20
Pinus insignis (P.)		
("Grows well: gets to be 4 feet in diameter: one of the largest trees in Ireland"—Forbes). Beautiful specimens at "Powers Court").		
Pinus Montezumae (C)	30	30
("Probably largest in three Kingdoms."—Forbes.)		
Pinus oocarpa (K)	30	
Pittosporum Colensoi (C)	20	15
Pittosporum eugenioides variegatum (C).	15	10
Pittosporum tenuifolium (C)	35	25
("Largest in three Kingdoms.")		
Podocarpus macrophylla (?) (C)	35	12
Podocarpus saligna (C)	20	10
Prumnopitys elegans (C)	30	20
Pseudotsuga taxifolia (P)	100	(4′ diam.)
("Gets to be one of the largest trees in Ireland: grows 3 feet a year."—Forbes.)		
Rhododendron arboreum (K)	40	
Rhododendron arboreum (C)	40	
("Tallest Rhododendron in Ireland.")		
Rhododendron Campbellii (K)	35	35
Rhododendron campanulatum (C)	5	
Rhododendron Falconeri (C)	20	10
(Wonderful in flower.)		
Rhododendron indicum (C)	3	
(Clumps; blooms freely.)		
Senecio Heritieri (herbaceous) (Mt.)	10	10
Sequoia gigantea (C)	94	(23′ Circ.)
(Base 35 feet 5 inches circumference.)		
Sequoia sempervirens (Mt.)	80	(4′ diam.)
(Less hardy.)		
Stranvaesia lucida (C)	15	20
Stuartia pentagyna (C)		
(Also grown here.)		
Styrax japonica (C)	20	20
(Straggling bush.)		
Taxodium distichum (Mt.)	30	
("Most beautiful color. Tree in Ireland bronze." —Forbes.)		

	Height in Feet	Spread in Feet
Taxodium imbricarium (C)	10	3
(Very tender: in protected spot.)		
Thuja plicata		
("Does well in Ireland."—Forbes.)		
Tricuspidaria dependens (C)	10	6
Tricuspidaria lanceolata (C)	25	10
Tsuga Brunoniana (C)	20	20
Tsuga Mertensiana (K)	100	
("Largest in Ireland."—Forbes.)		
Tsuga Mertensiana (C)	90	40
Tsuga Mertensiana (Mt.)	60	20
Sciadopitys verticillata (K)	30	
("Very large specimen."—Forbes.)		
Sciadopitys verticillata (C)	15	

Estate of Sir Thomas Acland, Killerton Park, Near Exeter, Devonshire, England

Rainfall 32″
Max. frost 16°

	Height in Feet	Spread in Feet
Abies amabilis	100	
During the war a specimen was cut 135 feet: 70° to first limb. "Probably best growing United States conifer here."—Wilson, head gardener.		
Picea Smithiana	60	40
Cedrus atlantica	100	(16′ in Circ.)
Cedrus deodara		
(Not so tall but grows well, more spread.)		
Cercis chinensis		
Espaliated against house 30 feet high—Two stems each 8 inches diameter.)		
Cunninghamia lanceolata	60	20
(Probably the best specimen in England.)		
Cupressus Lawsoniana	120	
(60 to 80 years old.)		
Cupressus macrocarpa	70	30
Cupressus macrocarpa	30	
(Seed planted 1909.)		
Cryptomeria japonica	60	30
(Planted 50 years.)		
Desfontanea spinosa	15	15
Drimys Winteri	15	10
Libocedrus decurrens	120	
Nothofagus obliqua	20	15
(Planted 1915—2 feet high.)		
Abies cephalonica	96	50

	Height in Feet	Spread in Feet
Pinus insignis	70	80
(Spreading: fine dark foliage.)		
Pinus ponderosa	80	
Pinus strobus	50	
"When 50 to 60 years old; liable to disease and does not grow well."		
Plagianthus Lyallii	15	
Quercus Ilex	60	60
Quercus Lucombeana	100	
(Planted 1780.) (Q. suber ? x Q. cerris.)		
Thujopsis dolobrata	40	30
Sequoia gigantea	110	
(Planted 80-85 years.)		
Sequoia sempervirens	100	

The New Library Service

"Can you find me some good plans of small formal gardens?" "Do Cuthbert raspberries revert?" "What is the most up-to-date information on the cost of a small greenhouse?" "Will you please list for me the best material on the professional raising of Dahlias?" "Have you a portrait of Peter Kalm?"

These are only a few of the widely varied appeals that are made daily to the Library. Some are answered easily, some only after hours or days of searching, but they all come from real needs. Much has been said of the extraordinary value and size of the collection, yet its potentialities as a source of information are equally significant. How they challenge one's imagination! The amazing development of the two years just past has barely touched the possibilities superficially. The Library has reached a turning point, and is fast becoming what every twentieth century library should be—an active clearing house of information as well as a valuable collection of books.

Perhaps it will be helpful for us to define some of the things which such a Library as ours may do and how it operates. What follows is planned as an answer to the many questions that come from members concerning their opportunities, privileges, and duties, and also as an aid to those who make personal use of the room.

The Library consists of well-defined types of material—books, periodicals, society publications, pamphlets, and seed catalogues—each making a distinct contribution to its resources. There is fascinating interest in all of them.

The shelves are rich not only with valuable information but with the more significant wealth of personal association. "Given by the author", "Presented with the author's compliments" on many a fly leaf traces a line of friendly relationships linking past with present through many generations. Bookplates likewise tell their tale: "J. D. Williams French Fund", "John S. Farlow Fund", "Stickney Fund", and a long procession of names of those who have made individual gifts. All these men and women must have felt that in the acts thus recorded they were sharing in an enterprise rich in vitality.

The books themselves are full of interesting associations. Our oldest was published in 1517—it has reached a respectable age, certainly. One at least wears the arms of royalty, another those of an ecclesiastical prince. A few were part of the original Library of the Society.

The magazines, catalogues, and society publications often have equally interesting though less romantic histories, for many sets go back over long periods of years. The pamphlets are too important to pass over. One usually thinks of them as flimsy, ephemeral things; yet they are invaluable, for from them comes much information available nowhere else.

Among a Library's resources none is of more potential value than its relationships with other Libraries. More than once we have been given helpful information in that way, and have on occasion been able to share our riches with other institutions.

To the casual visitor a Librarian seems to know where to locate material by grace of her calling. There are, however, certain very definite keys to information which are as easily used by the layman as the librarian. The first is the classification of the books on the shelves. If you look, you will see over each alcove of each room a label telling the contents of the shelves below. These labels follow the broad outlines of the subjects which our interests include—floriculture, vegetable growing, pomology, diseases, landscaping, trees, botany—and by following them one is guided to the shelves for which he is looking.

The many questions which the shelving cannot be expected to answer are accounted for in various other ways. The most obvious, the card catalogue, needs no introduction as the key to the shelves of books proper. That, however, includes only the main floor. More than half of the collection must be cared for by different means.

At first sight the magazines would seem hopeless. An index to a volume or to a series of years of a single publication is a great boon under some conditions, but it has its limitations. We have two general indexes. One is of our own compiling on cards and covers only our own collection. It is kept in the two upper drawers of the case at the right of the desk. The second is the "Agricultural Index", a piece of skillful professional work published monthly and cumulating eventually

into a single alphabet every three years. Users of the "Reader's Guide" need no introduction to its methods and usefulness.

The three catalogue cases at the side of the room are still to be accounted for. These contain an index to illustrations. No additions have been made to it for many years, but it is nevertheless an invaluable possession. Its entries number many thousands.

Bound indexes and bibliographies are too complicated to touch upon except in passing. As every student knows, they are various in scope and plan and have their own important place in the scheme.

An innovation has been started this year, to take care of the many small and perishable publications. This is a file in which the material is kept in folders, alphabetically by subject.

Lastly there is the index to the seed catalogue collection, a card list of the names of the growers whose catalogues are on our shelves.

So much for the Library and its keys. What is the relationship of the Library to the members of the Society? First of all, thanks to the decision of the Trustees two years ago, distance from Boston is no longer a bar to the use of the books, for they may be borrowed and returned by mail. This is done frequently, the Library paying postage one way, the borrower the other. During the past year probably half our service to members was carried on in this fashion.

The working regulations of the Library may be summarized as follows:

1. Any reasonable number of books may be drawn at one time.
2. Bound periodicals, oversized and valuable books must be used in the Library.
3. Books are charged for two weeks.
4. They may be reserved if they are out when wanted.
5. They may be renewed *upon request,* provided there is no waiting list.
6. Notices of books overdue shall be sent after a reasonable interval.
7. Members losing or damaging books shall bear the cost of replacement or repair.

On the observing of these simple regulations the coöperation of Library and borrower should be close, and it generally is. The chief points where misunderstandings occur are renewals and overdues, and on these the position of the Library is easily made plain. Obviously, two weeks is far too short a time for a book drawn for serious study, and all such books when not in current demand are gladly renewed as often as needed. Indeed, it is common for a longer charge—a month or six weeks—to be made in the first place, it being understood that the book may be subject to recall after the two weeks established by the rule. The latter is of course only a fair precaution in the interests of the membership in general, but as its enforcement has not been necessary in many months, it need not be regarded as a serious drawback to the arrangement. Overdue notices are at present being sent when books are two weeks overdue. No doubt many of these books are still in active use, but the Librarian has no way of knowing it. A postal request for renewal would be a welcome piece of coöperation with the Library and a real help in keeping the records accurate and unnecessary work at a minimum.

How to keep informed of the books in the Library is a question often asked. There are various methods. Some people may care to buy the complete catalogue which was published in 1918. Between that date and the present the lists published first in the Transactions and now in Year Book form a practically complete supplement. From time to time, depending on the number of books bought, lists of new titles appear in *Horticulture,* and book reviews are fairly frequent. In addition, subject lists on matters of current interest appear in almost every issue. Personal requests for book lists on subjects of individual interest are welcome.

Dorothy St. J. Manks, *Librarian.*

Library Accessions*

New books added to the Library in the year 1925 include the following:

Allen, C. L. Bulbs and tuberous-rooted plants. 1920.
American Rose Society. American rose annual. 1924.
—— Same. 1925.
Ames., B., and Ames, O. Ames collection of water color drawings of orchids: hybrids.
Badé, W. F. Life and letters of John Muir. 1924. 2v.
Bailey, L. H. Manual of gardening; 12th printing rev. 1925.
Bailey, L. H. Standard cyclopedia of horticulture. 1925. 3v.
Balfour, J. H. Class book of botany. 1854.
Barlett, M. W. Wild flowers in . . . Haverhill (Mass.) 1925.
Beal, A. C., and Hottes, A. C. Gladiolus studies. 1916.
Bean, W. J. Shrubs for amateurs. 1924.
Bellair, G. L'hybridation en horticulture. 1909.
Benedict, R. C. Sport of the Boston fern. 1924.
Bentley, R. A manual of botany. 1873.
Bewley, W. F. Diseases of glasshouse plants. 1923.
Bidwell and Falconer. History of agriculture in the northern U. S., 1620-1860. 1925.
Bisset, P. Book of water gardening; 2d ed. 1924.
Blanchan, N. American flower garden. 1909.
Bowles, E. A. A handbook of crocus and colchicum. 1924.
Britton and Rose. Cactaceae. 1919-1923. 4v.
Brown, B. S. Modern propagation of tree fruits. 1916.
Brugère, F. de la. L'école du jardinier amateur fleuriste et potager.
Buist, R. American flower garden directory; 6th ed. 1858.
Buller, A. H. R. Researches on fungi. 1909-1922. 2v.
—— Same. 1924.
Camp, A. F. Citric acid as a source of carbon. 1923.
Card, F. W. Bush fruits; new ed. 1925.
Casson, H. N. Cyrus Hall McCormick.
Chandler, W. H. Fruit growing. 1925.
Christ, H. Zur Geschichte des alten Bauerngartens der Schweiz. 1923.
Chupp, C. Manual of vegetable-garden diseases. 1925.
Cloud, D. M-P. The culture of perennials. 1925.
Clutton-Brock, A. Studies in gardening. 1916.
Conard, H. S. Structure and life history of the hay-scented fern. 1908.

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*Continuations have not been included.

Cosson, E., and Saint-Pierre, G. de. Atlas de la flore des environs de Paris. 1882.

Crisp, F. Medieval gardens. 1924. 2v.

Cruess, W. W. Commercial fruit and vegetable products. 1924.

Curtis, C. C. A guide to the trees. 1925.

Curtis, C. H. Orchids for everyone. 1910.

Dahlgren, B. E. The cocoa palm. 1922.

Dahlgren, B. E. A fossil flower. 1924.

Delden Laërne, C. F. Brazil and Java. Report on coffee culture. 1885.

Dendrol. Gesellschaft. Die Gartenanlagen Oesterreich—Ungarns in wort und bild. 1909-14.

Dengler, A. Untersuchunger . . . Die horizontalverbreitung der Keifer (Pinus silvestris L.) 1904.

Divers, W. H. Spring flowers at Belvoir Castle. 1909.

Drain, B. D. Essentials of systematic pomology. 1925.

Drury, W. D., ed. Open-air gardening. 1901.

Elwood, P. H., jr., ed. American landscape architecture. 1924.

Ellis, M. G. Making them grow. 1923.

Fabre, J. H., Wonder book of plant life.

Fargo, C. B. Planning and planting for the home beautiful. 1925.

Fairbridge, D. Gardens of South Africa. 1924.

Fairholt, F. W. Tobacco: its history and associations. 1859.

Farlow, W. G. Bibliographic index of North American fungi. 1905. v.1 pt. 1.

Farnham, C. H. A life of Francis Parkman. 1923.

Fawcett, W. The banana. 1921.

Fawkes, F. A. Horticultural buildings. 1883.

Fernald, M. L. Persistence of plants in unglaciated areas of . . . America. 1925.

Field, F. E. The greenhouse as a winter garden. 1870.

Forestier, J. C. N. Bagatelle et ses jardins. 1923.

Forestier, J. C. N. Gardens: a notebook of plans and sketches. 1924.

Garner, G. Vegetable growing. 1925.

Gilbert, A. W. The food supply of New England . 1924.

Gillett, C. C., and Magne, J. H. Nouvelle flore française; 2d ed. 1868.

Gourley, J. H. Orchard management. 1925.

Graveson, S. My villa garden. 1915.

Grout, A. J. Mosses with a hand lens; 3d ed. 1924.

Hall, H. M., and Clements, F. E. Phylogenetic method in taxonomy. 1923.

Hall, H. M., and Long, F. L. Rubber content of North American plants. 1921.

Hampden, M. Bulb gardening. 1922.
Harry, W. C. Manual of floral designing. 1923.
Hastings, E. G., and Wright, W. H. Laboratory manual of general agricultural bacteriology; 2d ed. 1924.
Hedrick, U. P. Systematic pomology. 1925.
Heller, A. A. Catalogue of North American plants north of Mexico. 1898.
Henslow, G. South African flowering plants. 1914.
Henslow, T. G. W. Garden improvement. 1924.
Holroyd, R. Morphology and physiology of the axis in cucurbitaceae. 1924.
Holsworth, W. C. Street tree planting. 1924.
Hornibrook, M. Dwarf and slow-growing conifers. 1923.
Hulme, F. E. Familiar wild flowers; 3d ser.
Irving, W. Rock gardening. 1925.
Ivins, L. S., and Winship, A. E. Fifty famous farmers. 1924.
Janson, A. Der Grossobstbau. 1924.
Jean, F. C., and Weaver, J. E. Root behavior and crop yield under irrigation. 1924.
Jekyll, G. Annuals and biennials.
Kache, P., and Schneider, C. Einjahrsblumen. 1924.
Keimer, L. Die Gartenpflanzen im alter Ägypten. 1924. v. 1.
Kelly, H. A. Catalogue of the mycological library of H. A. Kelly. 1924.
King, A. G. Practical steam, hot water, and vapor heating. 1925.
King, F. Chronicles of the garden. 1925.
Kirkwood, E. J. G. Plant and flower forms. 1923.
Kops, J. Flora batava. 1924. v. 26.
Lay, C. D. A garden book for autumn and winter. 1924.
Lewis, A. A. Boxwood gardens old and new. 1924.
Loftfield, J. V. G. Behavior of stomata. 1921.
Lutz, B. M. J. Estudos sobre a biologia floral da magnifera indica L. 1923.
McCubbin, W. A. Fungi and human affairs. 1924.
MacDougal, D. T. Botanical features of North American deserts. 1908.
McDougall, W. B. Mushrooms. 1925.
McLaren, J. Gardening in California, landscape and flower. 1924.
Macself, A. J. Flowering trees and shrubs. 1925.
Macself, A. J. Gladioli. 1925.
Macself, A. J. A real A. B. C. of gardening. 1924.
Martineau, P. Gardening in sunny lands. 1924.
Morgan, S. The new soil science.
Mütze, W., and Schneider, C. Das Rosenbuch. 1924.
National Geog. Soc. Book of wild flowers. 1924.

National Rose Society. Select list of roses. 1925.
New International Encyclopedia. 1925. 25v.
Nichols, R. S. Spanish and Portuguese gardens. 1924.
Nuttall, G. C. Trees and how they grow. 1923.
O'Brien, C. Guild of garden lovers. 1912.
Parsons, M. English house grounds. 1924.
Patterson, A. O. American homes of today. 1924.
Pease, Z. W. The Arnold mansion and its traditions. 1924.
Quackenbush, A. T. All in a garden fair. 1925.
Ramsbottom, J. Handbook of larger British fungi. 1923.
Read, D. H. M. One garden: the intimate chronicle of its making. 1923.
Reynolds, P. K. The story of the banana. 1923.
Rivers, T. Miniature fruit garden; 1st Amer. ed. 1866.
Rivers, T. The miniature fruit garden; 14th ed. 1867.
Roberts, E. A., and Shaw, M. F. Ecology of the plants native to Dutchess Co., N. Y. 1923.
Robson, F. The flower seeker. 1924.
Rogers, W. S. Planning your garden. 1923.
Rohde, E. S. Old English gardening books. 1924.
Roux, H. Catalogue des plantes de Provence. 1881.
Rowles, W. F. The garden under glass. 1914.
Rumbold, C. Über die Einwirkung des säure und alkali Gehaltes. 1911.
Russell, P. Identification of . . . cucurbits. 1924.
Sanders, T. W. Annual flowers for garden and greenhouse.
Scherffius, W. H. Cotton in South Africa. 1924.
Shelton, L. Beautiful gardens in America. 1924.
Sim, T. R. Flora of Kaffraria. 1894.
Singleton, E. The Shakespeare garden. 1923.
Skene, M. The biology of flowering plants. 1924.
Smith, E. D. Smith's chrysanthemum manual; 6th ed. 1925.
Smith, E. F. Bacteria in relation to plant diseases. 1914. v. 3.
Sorauer, P. Manual of plant diseases. 1914-22. v. 1.
Spalding, V. M. Distribution and movement of desert plants. 1909.
Stevens, F. L. Plant disease fungi. 1925.
Stevens, F. L., and Hall, J. G. Diseases of economic plants. 1919.
Stone, H., and Cox, H. A. Timbers of Nigeria. 1922.
Stout, A. B. Establishment of varieties in Coleus. 1915.
Stuckey, H. P. Pecan growing. 1925.
Synnestvedt, P. Fighting insect plagues. 1924.
Tannock, D. Rock gardening in New Zealand.
Taubenhaus, J. J. Diseases of truck crops. 1918.
Townsend, R. T., ed. The book of gardens and gardening. 1924.
Taylor, H. W. Tobacco culture. 1924.

Thayer, E. H. Wild flowers of the Pacific coast. 1887.
Thomas, G. C., Jr. Practical book of outdoor rose growing. 1920.
Tinley, G. F. Colour planning of the garden. 1924.
Van Rensselaer, S. Art out of doors; new and enl. ed. 1925.
Vondel, J. L. The glorious gladiolus. 1923.
Waite, W. H. Little book of modern dahlia culture. 1925.
Wardle, R. A., and Buckler, P. Principles of insect control. 1923.
Watson, W. Orchids, their culture and management. 1890.
—— Same. 1903.
Watts, R. L. Rural Pennsylvania. 1925.
Weathers, John. My garden book. 1924.
Weaver, J. E. Development and activities of roots of crop plants. 1922.
Webster, N. New international dictionary. 1925.
Wilson, E. H. America's greatest garden. 1925.
Wilson, E. H. The lilies of eastern Asia. 1925.
Wilson M., and Ferguson, J. A. In Florida gardens. 1924.
Wolley-Dod, A. H. The roses of Britain. 1924.
Woolley, R. V. G. Roses and how to excel with them. 1923.
Youmans, E. A. Descriptive botany. 1885.

Periodicals Currently Received

Agricultural Gazette of New South Wales
Agricultural Index
American Botanist
American Dahlia Society. Bulletin
American Fern Journal
American Florist
American Forests and Forest Life
American Fruit Growers' Magazine
American Gladiolus Society. Official Bulletin
American Iris Society. Bulletin
American Naturalist
American Nut Journal
American Peony Society. Bulletin
Annals of Botany
*Anzeiger für Botanik und Zoologie
Arnold Arboretum. Bulletin of Popular Information
Arnold Arboretum. Journal
*Arts and Decoration
Better Delphiniums
Better Flowers
British Guiana. Board of Agriculture. Journal
Brooklyn Botanic Garden. Leaflets
Brooklyn Botanic Garden. Record
Bryologist
California. Department of Agriculture. Bulletin
California Garden
Canadian Entomologist
Canadian Field-Naturalist
Canadian Florist
*Canadian Gladiolus Society. Bulletin
Canadian Horticulturist
Le Chrysanthème
Cornell Countryman
Country Gentleman
Country Life. (New York)
Curtis's Botanical Magazine
Dahlia Society of California. Bulletin
Dahlia Society of New England. Bulletin
Deutsche Obst- und Gemüsebau-Zeitung
Ecology
Elisha Mitchell Scientific Society. Journal

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*Added in 1925.

Experiment Station Record
Farm and Fireside
Farm and Garden
Farm Journal
*Farm Life
Floralia
Florists' Exchange
Florists' Review
Flower Grower
Flowering Plants of South Africa
Forest Leaves
France. Académie d'agriculture. Comptes rendus des séances
Fruit Belt
Fruit World of Australasia
Garden
Garden and Home Builder
Garden Club of America. Bulletin
Garden Life
Gardeners' Chronicle
Gardeners' Chronicle (of America)
Gardening (Chicago)
Gardening Illustrated
Gartenflora
Gartenkunst
Gartenschönheit
Gartenwelt
Geisenheimer Mitteilungen über Obst- und Gartenbau
*Gentes Herbarium
Guide to Nature
L'Horticulteur Chalonnaise
Horticulture
L'Horticulture Française
House and Garden
House Beautiful
International Institute of Agriculture, Rome
    Crop Report and Agricultural Statistics
    International Review of Agricultural Economics
    International Review of the Science and Practice of Agriculture
Ireland. Department of Lands and Agriculture. Journal
Japanese Horticultural Society. Journal
Jardinage
Joemma Bulletin
Journal d'Agriculture du Sud-Ouest
*Journal de la Société National d'Horticulture de France
Journal d'Horticulture Suisse

Journal of Agricultural Research
Journal of Botany, British and Foreign
Journal of Economic Entomology
Journal of Forestry
Journal of Pomology and Horticultural Science
*Journal of the Ministry of Agriculture, Great Britain
Landscape Architecture
Lyon-horticole et horticulture nouvelle reunis
Market Growers' Journal
Minnesota Horticulturist
Missouri Botanical Garden. Annals
Missouri Botanical Garden. Bulletin
Möllers Deutsche Gartner-Zeitung
*Morton Arboretum. Bulletin of Popular Information
Mycologia
National Pecan Exchange News
National Plant, Flower and Fruit Guild Magazine
*Nature — Garden Guide
Nature Magazine
New England Homestead
*New Jersey Dahlia News
New York Botanical Garden. Bulletin
New York Botanical Garden. Journal
Le Nord Horticole
Orchid Review
Petit Jardin
Philippine Agricultural Review
Pomologie Française
Portland Roses and Flowers (now pub. under title Better Flowers)
Progressive Farmer and Farm Woman
Quarterly Journal of Forestry
Reale Società Toscana di Orticultura. Bulletino
Revue des Eaux et Forêts
Revue Horticole
Rhodora
Royal Horticultural Society. Journal
Rural New-Yorker
Seed World
Sociedad Rural Argentina. Anales
Société d'Horticulture, de Viticulture et d'Études Agronomiques du Puy-de-Dome. Bulletin
Société d'Horticulture d'Orleans et du Loiret. Bulletin
Société d'Horticulture et de Viticulture d'Epernay. Bulletin
Société Horticole Vigneronne de Forestière de l'Aube. Bulletin
Société National d'Horticulture de France. Journal

*Société Royal de Botanique de Belgique. Bulletin
South Africa. Department of Agriculture. Journal
South African Gardening and Country Life
Southern Florist and Nurseryman
Special Crops
Torrey Botanical Club. Bulletin
Torreya
Tree Talk
*Tribune Horticole
Tropical Agriculture
Tropical Agriculturist
U. S. Department of Agriculture. Crops and Markets, Weekly
U. S. Department of Agriculture. Crops and Markets, Monthly Suppl.
Victoria. Department of Agriculture. Journal
Weekly Florist
Western Florist, Nurseryman and Seedsman
Wild Flower
Wisconsin Horticulture
World Agriculture
Zeitschrift für Obst- Wein- und Gartenbau
Zeitschrift für Pflanzenkrankheiten und Gallenkunde

Pamphlets Available for Use

(Partial list)

California University College of Agriculture
Circular 294—Propagation of deciduous fruits.

Cornell University Agricultural Experiment Station
Bulletin 283—The control of insect pests and plant diseases.
419—Apple-tree crotch: histological studies and practical considerations.

New York College of Agriculture
Extension Bulletin 86—The apple and thorn skeletonizer.
112—Bearded iris.

Maryland University Fertilizer Inspection Service
Control ser. 113—Commercial fertilizers.

Massachusetts Agricultural Experiment Station
Bulletin 201—Insecticides and fungicides.
214—Combating apple scab.
221—The smut disease of onions.

Massachusetts Agricultural College
Extension Circular 31—Cutworms.
Extension Leaf. 46—How to grow rhubarb.
49—Asparagus growing in Massachusetts.
51—How to grow tomatoes.
52—When to use lime and how for vegetables.
54—China asters for the home flower garden.
55 Sweet peas for the home flower garden.
79—How to prevent onion smut.

Michigan Agricultural College
Bulletin. Ext. ser. 4—The home vegetable garden.
20—Hotbeds and coldframes.
40—Pruning black raspberries.

New Jersey Agricultural Experiment Station
Circular 156—Paradichlorobenzene controlling the peach tree borer.

Pennsylvania Department of Agriculture
Bulletin 382—Peach yellows and little peach.
383—Paradichlorobenzene and other controls.
386—The round-headed apple-tree borer.
390—The Japanese beetle in Pennsylvania.
394—Potato wart.
399—Preservation of wild flowers in Pennsylvania.
405—The Oriental fruit moth.
406—Sprays for the Japanese beetle.
Circular 1—The apple maggot.
4—Preparation and care of lawns.

U. S. Department of Agriculture

A brief statutory history of the U. S. Dept. of Agriculture.

Bulletin 886—Spotted apple-tree borer.
887—Pear borer.
899—Gypsy moth tree-banding material.
957—Investigations of the white-pine blister rust.
974—Direction for blueberry culture.
1012—The death camas species . . . as poisonous plants.
1061—Longleaf pine.
1201—Plants tested for or reported to possess insecticidal properties.
1205—Dusting and spraying peach trees.
1249—Food habits of some winter bird visitants.
1270—The production of narcissus bulbs.
1274—Cockleburr (species of Xanthium) as poisonous plants.
1345—Saltbushes and their allies in the U. S.
879—The mosaic disease of cucurbits. (Professional paper)
891—The green June beetle. (Professional paper)
892—The beet leaf-beetle. (Professional paper)
900—Grapevine looper. (Professional paper)
901—Grape flea-beetles. (Professional paper)
1102—Kernal-spot of the pecan and its cause. (Professional paper)
1325—Marketing onions. (Professional paper)

Circular 31—The striped cucumber beetle.
57—The greenhouse white fly.
73—The plum curculio.

Circular 80—The melon aphis.
96—The catalpa sphinx.
125—Insects which kill forest trees.
126—Insect injuries to the wood of living trees.
130—The oak pruner.
144—The dying hickory trees.
145—The larger canna leaf-roller.
268—Kill the common barberry with chemicals.

Farmers' Bulletin 354—Onion culture.
721—The rose-chafer.
723—Oyster-shell scale and the scurfy scale.
829—Asparagus.
918—Peach varieties and their classification.
998—Culture of the logan-blackberry and related varieties.
1028—Strawberry culture.

1064—Production of late or main-crop potatoes.
1160—Diseases of apples in storage.
1178—Tree surgery.
1208—Trees for town and city streets.
1269—Celery growing.
1270—The more important apple insects.
1275—Weevils in beans and peas.
1276—The velvet bean.
1306—Destructive chrysanthemum insects.
1318—Greenhouse construction and heating.
1320—The production of cucumbers in greenhouses.
1364—Important pecan insects and their control.
1370—Dahlias for the home.
1381—Herbaceous perennials.
1394—Watermelons.
1399—Blackberry growing.
1400—Establishing cranberry fields.
1401—Managing cranberry fields.
1418—Lettuce growing in greenhouses.

Bureau of Entomology

Circular 24—The two-lined chestnut borer.
26—The pear slug.
99—The nut weevils.
102—The asparagus beetles.
103—The harlequin cabbage bug.
104—The common red spider.
105—The rose slugs.
109—The leopard moth.
114—The euonymus scale.
121—The oyster-shell scale and the scurfy scale.
155—Insects injurious to mushrooms.
166—Flour paste as a control for red spiders.

Bureau of Plant Industry.

Circular 1—Self-boiled lime-sulphur mixture as a promising fungicide.
6—The cultivation and handling of golden-seal.
38—European currant rust on the white pine in America.

52—Wart disease of the potato.
58—Experiments on the apple with some new and little-known fungicides.

Bureau of Soils
Circular 75—Manganese as a fertilizer.

Forest Service
Circular 163—Paper birch in the northeast.
Silvical Leaf. 29—Blue Spruce.

Membership Ticket of the Massachusetts Horticultural Society Issued in 1848

A View in the Orchid house of Albert C. Burrage, at Orchidvale, Beverly Farms, devoted to Cymbidiums

Reports of the Officers and Committees for 1925

Massachusetts Horticultural Society

Presented at the Annual Meeting
January 11, 1926

With a list of the members of the Society

Inaugural Meeting

The inaugural meeting was held at Horticultural Hall at 3 o'clock in the afternoon of Monday, January 11, 1926, with a large attendance. President Albert C. Burrage was in the chair. The secretary read the call for the meeting and the minutes of the previous meeting at which the officers for 1926 were elected. The rest of the meeting was given to the reading of the President's address and the presentation of reports.

The President's Address

Ladies and Gentlemen:—Recent events have prevented my preparing the full statement I had hoped to make to you today, but there are certain matters connected with this Society which I must briefly call to your attention.

In accordance with the practice of the founders of this Society you have come here to have made to you the reports of the President, the Secretary, the Treasurer and the committees. We have not come here to praise the work of the past, but to report for the present and to express our hopes for the future in order that they may be more easily realized.

We rejoice in being able to report a great increase in the membership and activities of the Society. Eight hundred and thirty more members, bringing the total of life and annual members from 1,882 to 2,712, reflect not only a demand for the Society and a willingness to work with it, but also distinct appreciation of its work.

Our magazine, *Horticulture,* has established a position quite its own and unequalled in this country. When this Society assumed the publication of this magazine a majority of the Trustees were somewhat doubtful as to the expediency of doing so and feared that possibly it might prove to be a burden upon the finances of the Society, but the courage of Professor Sargent and Miss Case prevailed and their optimism has now been justified, so that, thanks to the friendliness, cooperation and hearty support of the Horticultural Societies of New York and Pennsylvania, this magazine is now recognized—as it is entitled—"the official organ of the Massachusetts Horticultural Society, the Horticultural Society of New York and the Pennsylvania Horticultural Society."

In view of the little that I personally have had to do with the success of this publication, it is right that I should say that this success would not have been possible but for the intensive, energetic work done for it by its editor, our able and efficient Secretary, Mr. Farrington, and the continuous personal work of the Trustees' Committee on Publications, Professor Sargent and Mr. Ernest H. Wilson, who, besides writing for it, have closely supervised each issue. Thanks are also due in this connection to Miss Marian R. Case for her generous contributions towards the cost of publication.

It now seems certain that this magazine will continue to gain in numbers and value and from this time on contribute to the earnings of the Society as well as render a great service to the members of the three Societies.

We are certainly indebted to the officers and Trustees of the sister horticultural Societies of New York and Pennsylvania for their action in this matter and their recognition of the fact that by a joinder of these three Societies in this publication a larger field is served by the magazine, its cost lessened, and greater results secured for the members of their Societies at lower cost.

The experiment of awarding, through a large joint committee of judges, a special cup, known as The President's Cup, to the most meritorious exhibit in the regularly scheduled shows, whether large or small, whether of fruits, flowers, or vegetables, seems to be successful, for during the past year such an award has been made, in some cases to groups, in others to collections, in one instance to six cut Peonies and in another case to two fine bunches of Grapes. Such prizes, such judging and such awards arouse the keenest competition and interest and the greatest originality in culture and display, and result in thrills obtainable in no other way.

But, if our calm, sedate, dispassionate Committee on Exhibitions does not approve of such awards or such thrills, it is open to them, under the laws of the Commonwealth of Massachusetts and the by-laws of the Massachusetts Horticultural Society, to create other awards which they believe will be more helpful to horticulture. If they are disappointed in the results of the awards for 1925, I hope they will express their dissatisfaction with them and offer other

substitutes, and it will be particularly interesting to hear any complaints from the Chairman of the Committee, Mr. Thomas Roland, who has now won two such prizes for especially magnificent displays.

From the Secretary you will receive the figures as to the increased use of the Library, which is noted with great satisfaction by the Trustees. It is due to the Trustees to say that the entire cost of the changes in the Library and its arrangement, which amounted to a total of $1,509.21, has been borne wholly by the voluntary gifts of individual members of the Board of Trustees and no part of these expenses has fallen upon the Society. I am sure you will unite with the Trustees in congratulations upon securing these added facilities without any cost to the Society.

The Trustees believe that the cultivation of edible fruit-bearing vines, shrubs or trees, is one of the most important branches of horticulture and of vital importance to the people of Massachusetts, and to arouse greater interest in the subject they awarded the George R. White Gold Medal to Professor U. P. Hedrick of the New York State Experiment Station, the acknowledged fruit expert of the United States ,and added to our Board of Trustees Mr. Wilfrid Wheeler, one of the foremost fruit specialists of Massachusetts. In addition to this they cordially cooperated with the New England Fruit Show, Incorporated, in last November's apple show at Horticultural Hall.

From the reports of the various chairmen you will hear as to the various exhibitions, awards and lectures of the Society. It is sufficient for me to say that these are a necessary and helpful part of the work of the Society and that without them the Society would go to sleep. This means that such exhibitions must be of a high character to arouse the interest of a large number of thoughtful visitors who come to them to see and learn the best that is found in this vicinity, so that wider cultivation may result. But large attendance at exhibitions cannot be obtained without the exhibition of the best horticultural products, and this should be borne in mind by all those who have at heart the improvement of horticulture.

Having this in mind, your Committee on Exhibitions have made unusual arrangements for a Spring exhibition next

March which they believe will be of outstanding merit and unique in the 97-year-life of this Society.

Departing from its practice, the Board of Trustees have voted that the March exhibition for 1926, which is usually looked upon as the main exhibition of the year, shall be a paid show; that is, an admission fee will be charged for all visitors who are not members of the Society.

Some months ago, at the request of the Committee on Exhibitions, promises were made by a number of the active members of the Society that each one of them would, at this exhibition, install a group or collection of flowering plants in which they specialize. I will not take up your time by reading the list of numerous special exhibits so arranged for, but will simply illustrate the matter by saying that certain growers of special plants, like Mrs. Bayard Thayer, with her Lilies, Professor Sargent and Mr. John S. Ames with their Kurume Azaleas, and Mr. Roland with his Acacias, are preparing to have large groups of these specialties so that the Society is already assured of a wonderful exhibition which the Trustees are certain will prove of great horticultural interest and of high educational value to this community.

At the request of the Committee on Exhibitions, suitable awards will be made to the gardeners for the production of superior products at this exhibition.

In the exhibitions of the past few years exhibits have been made of flowers, fruits and vegetables in quantity and in quality and there have been shown the finest horticultural products grown outdoors and also those grown indoors, and now we have reached the point where certain individuals are trying to make helpful educational exhibits of products of one kind with mass effects so as to enable others to quickly learn through the eye the difference in form and color which is found in one species.

Although I am not authorized to do so, I am glad to say that the sum of $1,800 to pay for any special cups that are awarded for these special exhibits at this exhibition has been wholly raised by the voluntary contributions of $100 each by twelve individual Trustees and six other active members of the Society; and therefore no part of such cost will come out of the principal or income of the Society.

And I commend to you the considerations and principles

under which the committees and judges of this Society are appointed. I know of none fairer or which are entitled to more respect.

In view of what I have said before, it is proper to call attention to the fact, as you will shortly learn from the report of the Treasurer, that the expenses of the Society for the year 1925 exceeded the income by $3,392.15. This is not quite as it should be, and it is hoped that a better report can be made for the year 1926. In connection with this deficit, however, it must be borne in mind that, owing to the age of the building and the poor condition into which it had fallen during the war and post-war period, a considerably increased expenditure has been required the last two years to restore the building to its present good condition.

It is evident to you from what I have said before as to the personal contributions of the Trustees of the Society, that the Board of Trustees are mindful of the situation and are eager to prevent a recurrence of such a deficit. This also explains the action of the Trustees in charging an admission fee at the March exhibition this year, done with the hope that the attendance at this great exhibition will yield a profit in cash which will be sufficient to offset the increased expenses of the year's operations.

In a certain way the Trustees have not worried the past year on account of this simple deficit, because they have constantly before them the knowledge that even on the physical side the Society is gaining and not losing. By this I mean that the Trustees are aware that the Society is entirely free from debt; that is, its property is not subject to any mortgage or other encumbrance, and that, due to the wise forethought and judgment of the Trustees of this Society years ago, the valuation of the Society's real estate is constantly increasing and has now become very valuable, far beyond its original cost; and that at the same time, due to the experience and sound judgment of the former Treasurers and Trustees of the Society, its securities, which, with the exception of two investments in shares, consist almost wholly of bonds, have also appreciated very greatly, in one instance —that of the shares of the General Electric Company—to a most extraordinary and satisfactory degree. That is, the 337 shares of the General Electric Company, as you will see

by the Treasurer's report, have on our books a book value (that is, actual cost value) of $13,590.86, whereas the actual present market value of these shares and the others which have come with them amounts to $142,529.00. The Treasurer's report, I presume, as usual will only show the income and expenses and the securities owned by the Society, with their cost. His report will probably not give any figures as to the present value of the shares, bonds, real estate, Library and other equipment of the Society.

In my report to you a year ago I called your attention to the fact that the Trustees, as then constituted, were broadly representative of the horticultural interests of Massachusetts and that the Trustees were ever mindful of the necessity of such broad representation and were desirous of perfecting it from time to time as circumstances enabled them to do so. In accordance with this, the Trustees have recommended and the Society has increased the number of Trustees by three, so that, excluding ex-officio members, the board now consists of fifteen instead of twelve; that is, in each year five trustees are elected instead of four. And, acting under the by-laws in accordance with the above principle, the Trustees have added to their board, in addition to Mr. Wilfrid Wheeler, whom I have already mentioned, the former president of the Boston Society of Landscape Architects, Mr. Loring Underwood, as representative of the landscape architects, and they have also added to the board Mr. Howard P. Coonley, who has been a constant visitor at the exhibitions of the Society and who has shown his interest in the Society's work by exhibiting in recent years some exquisite groups of plants most skilfully grown and presented.

And for the welfare of the Society, I desire to say that I am satisfied that it is not the wish or intention of the majority of the present Trustees to hereafter favor the election of any Trustee who is not able to attend the meetings of the Trustees or the appointment of anyone as committeeman who will not attend to his duties.

We can truly say that our meetings are conducted with deliberation, with full discussions, and that we are not dominated by any one man or set or class.

The value of the Massachusetts Horticultural Society to

Exhibit of Carbone, Inc., at the Trade Flower Show in February

the people of Massachusetts lies not wholly in its building nor in its splendid library, nor in its lectures nor in its magazines or other publications, nor in its exhibitions, but in the combined effect of all of these, and to secure more harmonious co-ordination of these parts your Trustees are unitedly working. In this work we ask the continuance of the whole-hearted support we now receive and for this we promise you even greater results.

ALBERT C. BURRAGE, *President.*

Report of the Secretary

The steady growth of the Society, due to the wise policies of the Trustees, has been continued without interruption during the past year. Eight hundred and thirty new names have been added to the rolls of the Society in twelve months. The loss, except from deaths, has been surprisingly small. Resignations have numbered 32, while 12 members have been dropped for non-payment of dues. The total number in arrears is 45. Deaths have numbered 36. The total paid-up membership of the Society is 2,667. The total enrollment is 2,712. This is the largest membership which the Society has ever enjoyed. So far as the Secretary can find, the largest enrollment at any one time previous to 1924 was 1,035, in 1875.

A large membership, however, is not the only measure of the Society's success in carrying out the work for which it was organized nearly a hundred years ago, i. e., to advance the interests of horticulture in all its branches, aid in the development of gardens, promote the introduction of new varieties, and act as a medium for the distribution of garden literature.

The officers and employees are united in an endeavor to give wide and practical service, a fact which is being reflected in an increasing stream of letters, telephone calls, and personal visits, for the purpose of obtaining advice and other assistance. The following are indicative of the wide range of requests which come to us:

Plans and advice on small formal gardens.

Colored plates of Orchids and Violets.

Suggestions for a good book on flowers for a twelve-year old girl.

Names of schools of horticulture for women in Europe, preferably in France. Also similar schools in southern United States.

Many of the activities of the Society for the past year have been centered around the library, which is now in constant use by outside visitors as well as by members. During the year, 1,388 books were taken out. In 1924 the number was 901, and in 1923, 181. At times during the exhibitions as many as 40 persons have been counted in the library at one time. It has been necessary to provide for the further expansion of the library by remodeling a room on the floor below, which with the addition of portable stacks has been made available for about 8,000 books.

Early in the year Mrs. Katherine Maynard resigned as librarian. Miss Dorothy Manks, a graduate of the Simmons College Library School, and with three years' experience in the Brookline Public Library, became permanent librarian the first of August. During much of the time following, two assistants have been needed to care for the library's activities.

During the year 572 books have been added to the library and much rebinding has been done.

It is of interest to find that many different horticultural organizations now have a part in the activities of Horticultural Hall. The list of organizations which have held regular meetings here includes the following: Gardeners' and Florists' Club of Boston, Boston Branch of the National Gardeners' Association, New England Gladiolus Society, New England Dahlia Society, Massachusetts Federation of Garden Clubs, Mycological Club of Boston, Green Keepers' Association of New England, Boston Market Gardeners' Association, and the Benevolent Fraternity Fruit and Flower Mission.

Several meetings of the garden teachers of Boston have been held here, while the Massachusetts Tree Wardens and Foresters conducted an exhibition and held a convention in the Exhibition Hall early in the year.

By invitation of the Trustees, the Benevolent Fraternity Fruit and Flower Mission has made Horticultural Hall its

headquarters throughout the season. Mrs. George Root has been in charge of the work, and has had a desk in one of the basement rooms, with a special telephone. The work which this organization has carried on has covered a wide range, and has reached hundreds of persons, mostly patients in hospitals, invalids at home, the aged and the very poor. Bulbs and fruit as well as flowers have been distributed. At the close of each show all surplus flowers are turned over to this organization, which delivers them by automobile and special messenger to the hospitals and sanitoriums.

In February the Boston Flower Exchange, Inc., on invitation of the Trustees, held a trade exhibition in the hall, which was largely attended and a distinct success.

In late October the New England Fruit Show, Inc., held a fruit exhibition in conjunction with the Society, which brought together a great number of fruit growers and did much to promote interest in the cultivation of apples.

It is of interest to note that the Society has given more attention to the branch of horticulture connected with fruit growing than for several years. The George Robert White Medal of Honor was given by vote of the Trustees to Professor Ulysses P. Hedrick, assistant director of the Geneva Experiment Station at Geneva, N. Y., for his great work in promoting the cultivation of fruit, and particularly in the development of new varieties.

The Society's large gold medal was awarded by the Trustees to Dr. Walter G. Kendall, who for more than 40 years has not failed to exhibit fruit at the exhibitions of this Society at least once in each season, and who has twice won medals for his fruit garden at Atlantic.

In the spring a series of lectures on landscape gardening was given by various professors from the Massachusetts College of Agriculture at Amherst, the college and the Society working together in this way.

In April, the secretary gave a talk on gardening over the radio, at the request of Mrs. A. M. Hume, president of the Melrose Women's Club.

The halls have been rented almost continuously, apart from the flower show dates, except in midsummer. The total rentals for 1925 amount of $9,571.97 as against $9,443.55 in 1924.

The Trustees have held five meetings in the year. At a meeting March 27, it was voted to make several improvements in the library, including the installation of a new book counter, and the money for this work, $1,509.21 was raised by private subscription from members of the Board.

It was voted to offer special prizes to the Horticultural Society of New York and the Pennsylvania Horticultural Society, to be awarded at their exhibitions. Similar offers from the two Societies named to this Society was accepted.

It was also voted to offer a gold medal to the Shanghai (China) Horticultural Society, and later word was received that this medal had been given to D. MacGregor.

At a meeting June 2, a vote was passed, on recommendation of the Exhibition Committee, to charge an admission fee at the March exhibition in 1926.

It was voted at this meeting to remove a dismantled ventilating house and fan on the roof, and this work was completed later, doing away with a menace which had caused some anxiety.

At a meeting September 5, Miss Marian Roby Case reported for the Committee on Children's Gardens that the president's cup had been awarded to H. W. Jensen of Jamaica Plain. This cup was given for the best flower garden made by a member under 18 years of age, and entered in a competition announced earlier in the year. Miss Case recommended that a silver medal be awarded Ruth Faulk, of Brockton, and the Trustees so voted.

It was also voted at this meeting to award gold medals to Miss Annie L. Burke of Brockton, and to Miss L. Gertrude Howes of the Mary Hemenway School, both of whom have achieved wide reputations as garden teachers.

Mr. William C. Endicott, chairman of the Garden Committee, gave a report on the committee's work for the year, and the following awards were made:

A gold medal to the Bayard Thayer estate at Lancaster.

A gold medal to the Caleb William Loring estate at Prides Crossing.

A silver medal to the Rose garden of William H. Robinson, Bass Rocks.

A garden certificate to the enclosed garden of Mrs. Leverett Saltonstall Tuckerman and William King Richardson at Nahant.

A garden certificate to the Rose garden of Dr. Harris Starr Pomeroy of Peabody.

A garden certificate to Col. Edward Howland Robinson Green of South Dartmouth, for his remarkable planting of climbing Roses on a fence.

A garden certificate to the Mary Hemenway School, Dorchester, for its excellent school garden.

At this meeting it was voted to submit an amendment to the Annual Meeting for an increase in the number of elected Trustees from twelve to fifteen.

At a meeting held October 27, Professor C. S. Sargent, reporting for the George Robert White Medal of Honor Committee, recommended the award of the medal to Professor Ulysses P. Hedrick, which recommendation was accepted.

An important change in the membership rules was made at this meeting, the Trustees voting that in the future memberships should run for one year from the first of the month following the date on which the member qualifies.

The admission fee for 1926 was continued at $2.00.

John S. Ames was re-elected Treasurer and Edward I. Farrington, Secretary for 1926.

A report was made on the donation of a life-size portrait of the late Arthur F. Estabrook, a former president of the Society, the portrait having been hung in the president's gallery.

It was voted to donate one large gold medal, two exhibition gold medals, and three silver medals to the American Carnation Society, to be given at its exhibition to be held in Horticultural Hall in January.

At the annual meeting of the Society, held November 14, the following officers were elected:

President,—Albert C. Burrage.

Vice President for two years,—Charles S. Sargent.

Trustees for three years,—Mrs. S. V. R. Crosby, Arthur Lyman, Walter Hunnewell and Fred A. Wilson.

The change in the By-Laws, increasing the number of Trustees was also passed.

Cymbidium Orchid with 97 flowers, exhibited by Edwin S. Webster, at the Spring Flower Show

At a meeting of the Trustees held November 14, the coming quarantine hearing to be held in Washington was discussed at length, and the President outlined a statement which he purposed to make if it met with the approval of the Board. This statement was given the hearty endorsement of those present, and as elaborated, was read at the Washington hearing, where it met warm approval.

The award of the gold medal to Dr. Walter G. Kendall was made at this meeting.

The exhibitions of the year and the Society's paper, *Horticulture Illustrated,* which have been among the Society's most important activities, will be reported upon by the chairman of the Exhibition Committee and the chairman of the Committee on Lectures and Publications.

At meetings late in the year, three additional Trustees, Mr. Loring Underwood, Mr. Howard Coonley, and Mr. Wilfrid Wheeler, were elected, this making a total of fifteen elective members, to meet the terms of the amendment passed at the Annual Meeting.

On December 14 the Trustees were presented a portrait of the late John K. M. L. Farquhar, president from 1913 to 1915. This gift was made by the Horticultural Club of Boston, which had had the portrait especially painted. This painting now hangs in the president's gallery.

The executive officers have had many problems with which to deal during the past year, but an unfailing spirit of unity and cooperation has helped to smooth the path and solve the difficulties.

In closing, the secretary is glad to express his hearty appreciation of the good will which has been shown to him by officers and members alike.

E. I. Farrington, *Secretary.*

Report of the Treasurer

Income

Income from Investments and Bank Interest....	$19,071 84	
" " Rents	9,571 97	
" " Membership Fees	3,714 00	
" " Sale of Lots in Mt. Auburn Cemetery	2,248 25	
" " Library Catalogue	30 00	$34,636 06

Expenses

Operating Expense		$27,903 28
Viz: Salaries	$8,832 03	
Insurance	1,587 25	
Heating	1,197 18	
Labor	7,675 00	
Incidentals	2,953 47	
Stationery and Printing	3,180 51	
Lighting	1,663 16	
Library	458 55	
Repairs	356 13	
Prizes		$ 4,561 50
Viz: Plants and Flowers in excess of income from special funds	$3,148 00	
Fruits in excess of income from special funds	279 00	
Vegetables in excess of income from special funds	708 00	
Children's Gardens	426 50	
Expenditures by Committees		$ 2,068 49
Viz: Lectures and Publications	420 35	
Medals	1,185 14	
Plants and Flowers	223 00	
Fruits	116 00	
Vegetables	124 00	
Expenses Paid from Funds		$ 3,179 94
Viz: Samuel Appleton Fund	28 00	
Theodore Lyman "	477 00	
Josiah Bradlee "	45 00	
Benj. V. French "	36 00	
H. H. Hunnewell "	77 00	
H. H. Hunnewell "	140 00	
Marshall P. Wilder "	39 00	
Henry A. Gane "	42 00	
John D. W. French "	1,087 24	
John S. Farlow "	262 39	
John C. Chaffin "	55 00	
Benj. V. French "	215 00	
John Allen French "	190 00	
John S. Farlow "	127 00	
John A. Lowell "	52 00	
George R. White Medal Fund	307 31	

Miscellaneous Expense	$ 315 00	
Excess of Expenditures over Income	3,392 15	$38,028 21

Membership

December 31, 1925

Life Members, December 31, 1924		845	
Added in 1925		30	
Changed from Annual		5	
		880	
Deceased		26	854
Annual Members, December 31, 1924		1,037	
Added in 1925		880	
Dropped for non-payment of dues	12	1,917	
Deceased	10		
Resigned	32		
Changed to Life	5	59	1,858
Membership, December 31, 1925			2,712

Life Membership Fees

29 New Life Members at $50	$1,450 00
1 New Life Member at $30	30 00
2 Annual Members Changed to Life	100 00
	$1,580 00

Income from Membership

790 New Annual Members at $2	$1,580 00
Annual Members Dues for 1925	2,064 00
Dues in Arrears Paid Up	70 00
	$3,714 00

List of Bonds and Stocks Held by the Massachusetts Horticultural Society

$10,000	Lake Shore & Mich. Southern R. R. 3½% 1997	$10,000 00
$50,000	Atchison, Topeka & Santa Fe 4% 1995	44,693 25
$11,000	Pere Marquette R. R. 5% 1956	9,933 75
$25,000	Kansas City, Ft. Scott & Memphis R. R. 6% 1928	25,000 00
$50,000	Chicago, Burlington & Quincy R. R. Ill. Div. 3½% 1949	50,000 00
$8,000	Boston & Maine R. R. 4½% 1944	8,000 00

$4,000	Interborough Rapid Transit 5% 1966	$ 3,920 00
$4,000	American Tel. & Tel. Co. Conv. 4% 1936	4,000 00
$10,000	Appalachian Power Co. 5% 1941	9,225 00
$20,000	Atlantic Refinery Co. 5% 1937	19,940 00
$10,000	American Tel. & Tel. Co. Conv. 4½% 1933	8,396 00
$12,000	Pacific Telephone Co. 5% 1937	11,670 00
$10,000	Chicago, Burlington & Quincy R. R. 5%	10,212 50
$10,000	New York Central R. R. 5% 2013	9,950 00
$11,000	Consolidated Electric Co. Gen'l Mtge. 5% 1955	10,010 00
$11,000	Ohio Power Co. 1st & Ref. Mtge. 6% 1953	10,835 00
$5,000	United States Steel Corp. 5% 1963	5,043 75
$10,000	Southern California Telephone Co. 5% 1947	9,550 00
$5,000	American Tel. & Tel. Co. 5% 1946	4,973 75
$3,000	Chicago Junction Rys. & Union Stock Yds. 5% 1940	2,824 50
$5,000	Commonwealth Edison Co. 5% 1943	4,932 50
$5,000	Detroit Edison Co. 5% 1940	4,807 50
$5,000	New England Tel. & Tel. Co. 5% 1952	4,982 50
$5,000	Western Union Telegraph Co. 5% 1938	4,982 50
$13,000	Southern Public Utilities 5% 1943	11,862 50
$5,000	Western Electric Co. 5% 1944	4,825 00
$2,000	Yadkin River Power 5% 1941	1,990 00

Shares

337 Shs.	General Electric Co.	
672 "	General Electric Co. Special	13,590 86
337 "	Electric Bond & Share Corp.	
110 "	Standard Oil Co. of New Jersey Pfd.	11,550 00
		$331,700 86

Horticulture
Receipts and Disbursements Year 1925

Receipts

Advertising	$7,676 46	
Subscriptions	5,119 19	
Books	645 34	
Miscellaneous	105 83	
Donations	500 00	
Advanced by Horticultural Society	650 00	
		$14,696 82

Expenses

Printing	$7,715 28
Paper	3,011 60
Books	498 84
Cuts	865 38

Exhibit made by William E. Clark, which won the President's Cup at the Gladiolus Show

Commissions and Discounts	$ 635 87	
Postage	1,340 94	
Wrappers	96 00	
Photographs	15 00	
Miscellaneous	403 81	
Returned to Horticultural Society	100 00	
		$14,682 72

JOHN S. AMES,
Treasurer.

Report of the Committee on Lectures and Publications

During the year 1925 the following lectures were delivered before members of the Society:

Spring Bulbs, by Mrs. Ethel Anson S. Peckham, New Rochelle, N. Y., March 27-29.

Shrubs for the Home Garden, by Henry Hicks, Westbury, L. I., June 6-7.

Peonies for the Home Garden, by George N. Smith, Wellesley Hills, June 20-21.

The Growing of Roses, by Prof. Hugh Findlay, Columbia University, June 27-28.

The Cultivation of the Gladiolus, by J. A. Kemp, Little Silver, N. J., August 22-23.

The Cultivation of the Dahlia, by Prof. C. H. Connors, New Brunswick, N. J., September 12.

The Cultivation of Grapes, by Dr. Walter G. Kendall, Atlantic, Mass., September 13.

House Plants, by Prof. Clark L. Thayer, Amherst, Mass., November 6-8.

Mr. Henry Hicks and Dr. Walter G. Kendall gave their lectures free, the others cost the Society $320.35.

The practise of holding the lectures in conjunction with the shows proved a further success. The sixteen lectures were well attended and enthusiastically received.

In February the second Year Book of the Society was issued and appears to have met with satisfaction. It is hoped that the publication may be continued annually.

Our magazine, *Horticulture Illustrated,* has had another successful year. It is pleasing to record this fact, for anyone with knowledge of publication work knows the tedious uphill work involved in placing a magazine on a sound footing.

Our paper has the solid advantage of the reputation of the three oldest and most influential horticultural societies behind it. It is, however, handicapped through lack of liquid capital. It is fortunate in having a capable versatile editor, who is a glutton for work. But members should be brought to realize that all the work should not rest on the editor's shoulders. News items of all sorts connected with gardening are welcome and good photographs especially so. The more material available on the editor's desk the better the selection of information sent forth.

We cannot garden properly without a medium through which to exchange ideas, to appeal to with our troubles, and to learn promptly what is going on in the garden world around us. Monthly magazines, no matter how elaborately issued, nor how brilliantly edited, are insufficient to the upbuilding of gardens. A weekly sheet of advice and encouragement is necessary for our needs. *Horticulture* is essentially the paper for the amateur but it will not function to their full advantage until it is issued weekly. It is the earnest hope of the Committee on Lectures and Publications that before many more years have passed we shall be financially able to help the amateur every week.

Horticulture is proving a good advertising medium but this is to be expected when the character of its subscribers is considered. It circulates among folk who garden and who are ever on the lookout for new and desirable garden material. Subscribers can materially help the management by talking freely about the paper and by taking full advantage of its advertised wares.

Books on garden matters are now being freely published and *Horticulture* in its critical reviews is endeavoring to guide garden-lovers toward the most useful books published.

Twenty-six issues of *Horticulture* were sent out during 1925. The circulation is now nearly 10,000, which is more than treble what it was when the Society took charge. It has no debts and a small margin to the good. The three societies each pay *Horticulture* seventy-five cents yearly for each member. Miss M. R. Case very generously donated five hundred dollars to help forward the development of *Horticulture* in 1925. The subscription rate to the general public is one dollar per year, a rate that is ridiculously low.

Exhibit of Cherry Hill Nurseries, which won the Society's Silver Medal at the Peony Show

In closing this report, the Committee on Lectures and Publications takes pleasure in recording its appreciation of the services faithfully and earnestly, genially and wholeheartedly rendered by our editor, Mr. E. I. Farrington.

E. H. Wilson, *Chairman.*

Report of the Committee on Exhibitions

The committee on exhibitions is convinced that as a whole the exhibitions for the year 1925 were satisfactory both in quality and in the variety of material exhibited.

The total number of exhibitions was eight, all of which were free.

There is perhaps no other society which holds so many important exhibitions during a year and it is the opinion of your committee that the exhibitions of no other society excel our own in the great variety of stock and the high standard of quality in plants, flowers, fruits and vegetables.

It is to be noted that the total attendance for all the exhibitions, excepting the fruit exhibition and children's gardens exhibition, was only 56,730—which we consider a very small attendance, for the hall is accessible to a very large population. It would seem to us that even free exhibitions require rather extensive advertising. The action of members in spreading news of the exhibitions and urging attendance might be very helpful, while a carefully developed advertising plan would doubtless heavily increase the number of visitors.

In the exhibitions for 1925 we have had cooperation from several other societies. The New England Gladiolus Society, the New England Dahlia Society, and the New England Fruit Show, Inc., held their exhibitions and annual meetings in the hall during the year. All of these exhibitions were of high quality and no doubt did much to foster interest in outdoor gardening.

Your committee believes it should be the policy of our society to encourage these and other specializing societies, such as those devoted to Roses, Carnations and Sweet Peas, to meet and hold exhibitions in our halls. But we think that for every exhibition ample space should be reserved for those of its own membership who may wish to exhibit, and

that classes best suited to encourage exhibits from its own members should be liberally provided. Perhaps no other plan of operation will suitably accomplish one of our primary purposes, which is to interest our own membership in the exhibitions.

Your committee has given much attention to the Spring exhibition for 1926 and have brought some of its problems to the trustees for their consideration also. It has been decided to charge admission to this exhibition, which will be on March 17 to 21st, 1926.

There will be a great expense involved in this exhibition and we are of the opinion that it is only reasonable to ask the public to pay admission. The Spring exhibitions are always the most beautiful and impressive of all the exhibitions and more people attend them. They come at the time of year when the longing for such things is awakening. They are becoming important horticultural events in our large cities everywhere. Your committee thinks our Spring exhibitions can be made, and held to be, one of our own state's important annual events. To do this requires, in addition to a good general exhibition, a liberal display of novelties and superior quality in plants and flowers, as well as different and unusual arrangements.

Probably very soon new wall treatment in our halls will help us to get our best exhibition effects.

There are wonderful effects to be obtained from the use of special artificial lighting. Perhaps an exhibition would be best with nothing but artificial light. With ample ventilation no harm to plants occurs—in fact they have been known to develop new growth. The use of special lighting with flood lights, spot lights and other forms, may seem too artificial; but when properly applied enhanced results are so notable that we wonder why special lighting has not been used more liberally long ago.

Special features attract the public, and surely one important measure of the success of our exhibitions is in the attendance. We are not encouraging trick performances, but if ingenuity can lend itself to us in ways that are dignified, artistic and appropriate, surely we are justified in welcoming it.

It is, however, the opinion of your committee that even

with the best of all these factors, and whether or not the exhibition is free or with paid admissions, great dependence for large attendance comes upon publicity methods. The society's available funds are not sufficient at this time to allow heavy increases in the amounts usually available for exhibition expenses. But because of the generosity and helpful cooperation of some of our members in donating special awards and in planning to make special exhibits, the committee on exhibitions has felt encouraged and justified in predicting a really notable spring exhibition. The final schedule for this will be ready in a few days. We ask all members to study it to see if they may not help to make it one of the most notable in our Society's history.

THOMAS ROLAND, *Chairman,*
Committee on Exhibitions.

Membership in the Massachusetts Horticultural Society

The constitution of the Massachusetts Horticultural Society fixes the annual dues at $2.00. For many years it has been customary to charge an admission fee of $10.00, but by vote of the Trustees this requirement has been set aside for the entire year of 1926.. Until the end of this year the only charge to new members will be $2.00, although this sum does not cover the cost to the Society of the publications which they will receive.

Life membership is obtained by paying the sum of $50.00, no further charge ever being required. Annual members who have paid the entrance fee of $10.00 in past years may become life members by paying $40.00 additional.

All members receive an identification card, which should be presented when books are borrowed from the library.

Any man or woman in any part of the country who is properly endorsed may make application for membership. New members are needed in order to increase the influence of the Society, and to broaden the scope of its work.

Application blanks may be obtained by writing to

The Secretary,
Horticultural Hall,
Boston, Mass.

NOTE:—The secretary is glad to have present members send in the names of friends who might like to become enrolled.

Necrology

The following is a list of the members of the Massachusetts Horticultural Society whose deaths have been reported during the year 1925:

Mrs. Samuel S. Spaulding.
John D. Hardy
Miss Ella F. Hildreth
Joseph W. Howard
Henry Parkman
Joseph F. Flanagan
August Arendt
Charles Pfaff
Mrs. A. H. Higginson
William H. Wellington
George C. Rice
Robert S. Morison
John Ash
Miss E. S. Bacon
Charles W. Hoitt
John Robinson
Mrs. John C. Phillips
Mrs. Moses Williams
Miss Amy Lowell
George A. Purdie
Miss Sally A. Cutler
Francis Lee Higginson
Stedman Buttrick
George F. Wheeler
Mrs. Robert Winthrop
Mrs. Charles Clayton Chase
Mrs. Elmer J. Bliss
J. Randolph Coolidge
Charles W. Minott
William H. Elliott
James M. Codman
John C. Phillips
James F. Parker
Charles H. Moseley
Mrs. J. P. Morgan
Eldredge K. Fisher
J. H. Maiden

Corresponding Members

William R. Dykes
C. Harman Payne

Members of the Massachusetts Horticultural Society

Members and correspondents of the Society and all other persons who may know of deaths, changes of residence, or other circumstances showing that the following lists are inaccurate in any particular, will confer a favor by promptly communicating to the Secretary the needed corrections.

HONORARY MEMBERS

1900 Dr. Henry S. Pritchett, New York.
1900 Albert Viger, President of the National Society of Horticulture of France, Paris.

CORRESPONDING MEMBERS

1925 D. M. Andrews, Boulder, Colorado.
1925 Rudolph D. Anstead, Director of the Agricultural College, Madras, India.
1921 J. F. Bailey, Director of the Botanic Gardens, Adelaide, South Australia.
1889 Dr. L. H. Bailey, Ithaca, N. Y.
1925 F. R. S. Balfour, Dawyck, Stobo, Peebleshire, Scotland.
1911 W. J. Bean, Royal Gardens, Kew, England.
1918 Désiré Bois, Paris, France.
1925 James Boyd, Haverford, Pa.
1925 I. H. Burkill, F. L. S., care the Royal Gardens, Kew.
1925 G. H. Cave, Darjeeling, India.
1922 Joseph Edgar Chamberlin, Boston, Mass.
1918 Léon Chenault, Orleans, France.
1921 Fred J. Chittenden, Director of the Royal Horticultural Society Gardens, Wisley, Ripley, Surrey, England.
1925 Woon Young Chun, Botanical Dept., Southeastern University, Nanking, China.
1921 Alister Clark, Glenara, Bulla, Victoria, Australia.
1921 Dr. Leonard Cockayne, Ngaio, Wellington, New Zealand.
1925 Professor R. S. Cocks, Tulane University, New Orleans, La.
1925 Henri Correvon, Geneva, Switzerland.
1925 G. W. Darnell-Smith, Director of the Sydney Botanic Gardens, Sydney, New South Wales.
1911 John Dunbar, Rochester, N. Y.
1925 Col. Henry A. Dupont, Winterthur, Delaware.

1925 Henry F. du Pont, Winterthur, Delaware.
1925 Pierre S. du Pont, Wilmington, Delaware.
1887 Sir W. T. Thiselton Dyer, K.C.M.G., F.R.S., Witcombe, Gloucester, England.
1918 William C. Egan, Highland Park, Ill.
1925 Charles C. Eley, M.A., F. L. S., Suffolk, England.
1925 I. B. Evans, C. M. G., Chief of Division and Director Botanical Survey, Pretoria, South Africa.
1925 G. Frazier, Ucuelet, Vancouver Island, British Columbia.
1925 W. G. Freeman, B. S. C., F. L. S., Director of the Botanic Garden, Trinidad.
1900 Beverly T. Galloway, Department of Agriculture, Washington, D. C.
1918 Professor N. E. Hansen, Brookings, South Dakota.
1925 Miss M. C. Hastie, Magnolia Gardens, S. C.
1911 Professor U. P. Hedrick, Geneva, N. Y.
1907 Dr. Augustine Henry, Cambridge, England.
1925 Joseph Hers, Tung Chang Hutung, Peking, China.
1925 William Hertrick, San Gabriel, California.
1925 Herm. A. Hesse, Weener, Germany.
1925 M. Robert Hickel, Versailles, France.
1925 A. H. Hill, Dundee, Ill.
1925 Arthur W. Hill, Royal Botanic Gardens, Kew, London, England.
1925 E. Hillier, Winchester, Mass.
1897 J. W. Hoffman, Orangeburg, S. C.
1919 Lt.-Col. Sir George Holford, K. C. V. O., Gloucestershire, England.
1925 R. E. Horsey, Rochester, N. Y.
1925 Professor H. H. Hu, National Southeastern University, Nanking, China.
1925 Mrs. C. L. Hutchinson, Lake Geneva, Wisconsin.
1925 Hon. William M. Jardine, Secretary of Agriculture, Washington, D. C.
1925 Charles W. Knight, Oakdale, N. Y.
1925 The Rt. Hon. The Lord Lambourne, P. C., C. V. O., V. M. H., President of the Royal Horticultural Society, Essex, England.
1921 C. E. Lane-Poole, Melbourne, Australia.
1925 C. C. Laney, Park Department, Rochester, N. Y.
1875 G. F. B. Leighton, Norfolk, Virginia.
1911 M. Émile Lemoine, Nancy, France.
1925 Gerald W. E. Loder, M. A., F. L. S., Sussex, England.
1925 Donald MacGregor, Shanghai, China.
1925 Dr. Rudolph Marloth, Capetown, South Africa.
1925 Sir J. S. Maxwell, Pollokshaws, Scotland.

1925 The Rt. Hon. Sir Herbert E. Maxwell, Bart., F.R.S., D.C.L., Wigtownshire, North Britain.

1875 F. C. Maxwell, Geneva, N. Y.

1925 John McLaren, San Francisco, California.

1918 J. Horace McFarland, Harrisburg, Pa.

1925 Mrs. William Mercer, Doylestown, Pa.

1911 Wilhelm Miller, University of Illinois, Urbana, Ill.

1925 Rev. E. M. Mills, D.D., Laguna Beach, California.

1925 Dr. King Miyabe, Director of the Botanic Garden, Sapporo, Japan.

1898 Sir Frederick W. Moore, Glasnevin, Dublin, Ireland.

1918 Dr. George T. Moore, Botanical Gardens, St. Louis, Mo.

1925 F. Cleveland Morgan, Montreal, Canada.

1887 Sir Daniel Morris, K. C. M. G., 14 Crabton Close, Boscombe, Hants, England.

1925 Mr. Joy Morton, Chicago, Illinois.

1919 M. Séraphin Joseph Mottet, Verrières-le-Buisson (Seine-et-Oise), France.

1925 F. R. Newbold, New York, N. Y.

1925 M. L. Pardé, Nogent-sur-Vernisson (Loiret), France.

1925 Monsieur Jules Pernet-Ducher, Venissieux-les-Lyons (Rhones), France.

1906 Lt.-Col. Sir David Prain, Warlingham, Surrey, England.

1925 Miss Isabel Preston, Ottawa, Canada.

1925 Johannes Rafn, Skovfrokontoret, Copenhagen, Denmark.

1894 Cavalière Enrico Ragusa, Palermo, Sicily.

1925 Dr. Robert Ridgway, Olney, Illinois.

1906 Dr. Henry L. Ridley, care Royal Gardens, Kew.

1898 Benjamin Lincoln Robinson, Ph. D., Curator of the Gray Herbarium of Harvard University, Cambridge.

1875 William Robinson, East Grinstead, Sussex, England.

1921 L. Rodway, C.M.G., Government Botanist and Secretary, Botanic Gardens, Hobart, Tamania.

1899 Willlim Salway, Cincinnati, Ohio.

1919 M. Eugène Schaettel, Paris, France.

1925 Camillo Schneider, Charlottenburg, Germany.

1925 F. L. Skinner, Dropmore, Manitoba.

1925 Professor William Wright Smith, Royal Botanic Gardens, Edinburgh, Scotland.

1925 Dr. H. Spaeth, Berlin-Baumschulenweg, Germany.

1925 Dr. Otto Stapf, London, England.

1921 David Tannock, Superintendent, Botanic Gardens, Dunedin, New Zealand.

1893 Professor William Trelease, Urbana, Ill.

1921 M. Jacques de Vilmorin, Paris, France.
1912 Professor Hugo de Vries, University of Amsterdam, Amsterdam, Holland.
1918 F. Gomer Waterer, Bagshot, Surrey, England.
1925 Cyril T. White, Government Botanist, Brisbane, Queensland, Australia.
1919 J. C. Williams, Gorran, Cornwall, England.
1906 Miss Ellen Willmott, Great Warley, Essex, England.
1911 E. H. Wilson, Jamaica Plain, Mass.
1921 Gurney Wilson, Richmond, Surrey, England.
1925 John C. Wister, Germantown, Pa.
1901 Professor L. Wittmack, Secretary of the Royal Prussian Horticultural Society, Berlin.
1925 Major A. C. T. Woodward, Bewdley, Worcestershire, England.

LIFE MEMBERS

1924 Abbott, Mrs. Gordon, Manchester.
1899 Adams, Mrs. Charles Francis, South Lincoln.
1907 Adams, George E., Kingston, R. I.
1897 Adams, Henry Saxton, Jamaica Plain.
1899 Agassiz, Mrs. George R., Yarmouthport.
1922 Alexandre, Mrs. John E., Lenox.
1894 Allen, Hon. Charles H., Lowell.
1916 Allen, Edward Ellis, Watertown.
1905 Allen, Mrs. Sarah R., Wilmington.
1921 Allison, Frank H., Auburndale.
1914 Ames, Mrs. F. L., North Easton.
1925 Ames, Mrs. Hobart, North Easton.
1899 Ames, John S., North Easton.
1894 Ames, Oakes, North Easton.
1899 Ames, Oliver, North Easton.
1867 Amory, Frederic, Boston.
1924 Amory, Mrs. Robert, Readville.
1920 Andersen, Peter, Woburn.
1896 Anderson, George M., Milton.
1899 Anderson, Larz, Brookline.
1911 Anderson, William, South Lancaster.
1924 Andrews, Col. James M., Brookline.
1871 Appleton, Hon. Francis H., Boston.
1914 Appleton, Francis R., New York, N. Y.
1913 Appleton, Henry Saltonstall, Boston.
1925 Appleton, Miss Maud E., Boston.
1925 Samuel Appleton, Boston.
1914 Apthorp, Mrs. Harrison O., Milton.
1900 Arnold, Mrs. George Francis, Brookline.
1890 Atkins, Edwin F., Belmont.
1924 Atkins, Mrs. Edwin F., Jr., Belmont.
1899 Ayer, James B., Boston.

1912 Bache, James S., Wayland.
1905 Backer, Clarence A., Melrose.
1924 Bacon, Dr. Gorham, Yarmouthport.
1924 Bacon, Mrs. Gorham, Yarmouthport.
1905 Badger, Walter I., Boston.
1924 Bailey, Irving L., Northboro.
1902 Bailey, Robert M., Dedham.
1902 Baker, Clifton P., Boston.
1901 Baker, James E., South Lincoln.
1904 Balch, Joseph, Boston.
1909 Baldwin, Frank F., Ashland.
1925 Baltzell, Dr. Wm. H., Wellesley.
1925 Baltzell, Mrs. Wm. H., Wellesley.
1905 Barnard, George E., Ipswich.
1866 Barnes, Walter S., Brookline.
1898 Barr, John, South Natick.
1917 Barrett, Mrs. William Emerson, West Newton.
1897 Barry, John Marshall, Boston.
1901 Bartlett, Miss Mary F., Boston.
1914 Bartol, Dr. John W., Boston.
1915 Bartsch, Hermann H., Waverley.
1901 Bates, Miss Mary D., Ipswich.
1915 Bauernfeind, John Medford.
1899 Baylies, Walter C., Boston.
1914 Beal, Mrs. Boylston, Boston.
1891 Becker, Frederick C., Cambridge.
1876 Beckford, Daniel R., Sr., Dedham.
1894 Beebe, E. Pierson, Boston.
1890 Beebe, Franklin H., Boston.
1905 Bemis, Frank B., Boston.
1914 Bemis, Mrs. Frank B., Boston.
1899 Bigelow, Albert S., Boston.
1914 Bigelow, Charles, Newtonville.
1899 Bigelow, Joseph S., Cohasset.
1899 Bigelow, Dr. William Sturgis, Boston.
1925 Bird, Mrs. Charles S., East Walpole.
1925 Bisson, Ernest, Shrewsbury.
1899 Black, George N., Boston.
1885 Blake, Mrs. Arthur W., Brookline.
1914 Blake, Benjamin S., Auburndale.
1897 Blake, Edward D., Boston.
1919 Blake, Hallie C., Lexington.
1924 Blake, Mrs. J. A. L., Boston.
1919 Blake, Kenneth Pond, Lexington.
1918 Blanchard, Archibald, Boston.
1921 Blood, Charles O., Lynnfield Center.
1921 Blood, Mrs. Charles O., Lynnfield Center.
1908 Blood, Eldredge H., Swampscott.

1905 Boardman, Miss Eliza D., Boston.
1914 Boit, Miss Elizabeth E., Wakefield.
1924 Bosworth, Miss Mary E., Boston.
1883 Bowditch, James H., Boston.
1894 Bowditch, Nathaniel I., Framingham.
1877 Bowditch, William E., Grove Hall.
1913 Brackett, C. Henry B., So. Natick.
1924 Bradley, Mrs. J. D. Cameron, Boston.
1914 Brandegee, Mrs. Edward D., Brookline.
1873 Breck, Charles H., Boston.
1900 Breck, Joseph Francis, Boston.
1914 Breck, Luther Adams, Newton.
1902 Breed, Edward W., Clinton.
1914 Brewer, Edward M., Milton.
1914 Brewer, Joseph, Milton.
1918 Brewer, William C., Boston.
1919 Briggs, George E., Lexington.
1910 Briggs, Mrs. George R., Plymouth.
1897 Briggs, William S., Lincoln.
1873 Brigham, William T., Honolulu, Hawaii.
1909 Brooke, Edmund G., Jr., Providence, R. I.
1914 Brooks, Henry G., Milton.
1912 Brooks, Walter D., Milton.
1909 Brown, Mrs. John Carter, Providence, R. I.
1907 Brush, Charles N., Boston.
1919 Buff, Louis F., Jamaica Plain.
1906 Buitta, Vincent, Newton Upper Falls.
1914 Bullard, Alfred M., Milton.
1922 Bullard, Mrs. William Norton, Boston.
1918 Burgess, George Arthur, Beach Bluff.
1920 Burgess, William H., Lexington.
1897 Burlen, William H., East Holliston.
1895 Burnett, Harry, Boston.
1911 Burnett, John T., Boston.
1914 Burnett, Robert M., Southborough.
1914 Burnham, Miss Helen C., Boston.
1909 Burr, I. Tucker, Readville.
1906 Burrage, Albert C., Boston.
1919 Burrage, Mrs. Albert C., Boston.
1918 Burrage, Albert C., Jr., Hamilton.
1918 Burrage, Charles D., Boston.
1921 Burrage, Harry L., Boston.
1918 Burrage, Russell, Beverly Farms.
1907 Butterworth, George William, South Framingham.
1906 Butterworth, J. Thomas, So. Framingham.
1921 Butterworth, Miss Rachel, Framingham.

1902 Cabot, George E., Boston.
1914 Cabot, Henry B., Chestnut Hill.
1923 Cabot, Mrs. Richard C., Cambridge.
1896 Cameron, Robert, Ipswich.
1913 Campbell, Chester I., Boston.
1891 Campbell, Francis, Cambridge.
1899 Casas, W. B. de las, Malden.
1911 Case, Miss Marian Roby, Weston.
1918 Chalifoux, Mrs. H. L., Prides Crossing.
1873 Chamberlain, Chauncy W., Boston.
1920 Chandler, Joseph Everett, Boston.
1924 Chany, John, Boston.
1903 Chapman, John L., Beverly Farms.
1917 Chase, H. F., Andover.
1909 Chase, Philip Putnam, Milton.
1925 Chickering, Mrs. C. B., Lancaster.
1923 Choate, Miss Mabel, Stockbridge.
1921 Chubbuck, William H., Mattapan.
1876 Clapp, Edward B., Dorchester.
1919 Clapp, Robert P., Lexington.
1896 Clark, B. Preston, Boston.
1907 Clark, Herbert A., Belmont.
1890 Clark, J. Warren, Millis.
1919 Clark, William Edwin, Sharon.
1922 Clarkson, Mrs. Banyer, Tyringham.
1914 Clifford, Charles P., Milton.
1895 Clough, Micajah Pratt, Boston.
1894 Cobb, John C., Boston.
1906 Codman, Miss Catherine A., Westwood.
1924 Codman, R. S., Boston.
1903 Cogswell, Edward R., Brookline.
1914 Collins, William J., Boston.
1917 Comley, Henry R., Boston.
1921 Conant, Mrs. Nellie F., Boston.
1917 Converse, E. W., Newton.
1924 Converse, Myron F., Worcester.
1914 Coolidge, Charles A., Boston.
1902 Coolidge, Harold J., Boston.
1924 Coonley, Howard, Milton.
1919 Copeland, Miss E. Gertrude, Melrose.
1914 Cotting, Mrs. Charles E., Boston.
1892 Cottle, Henry C., Roxbury.
1917 Cotton, Miss Elizabeth A., Brookline.
1914 Councilman, Dr. W. T., Boston.
1924 Coveny, James J., So. Boston.
1917 Cowey, S. R., York Harbor, Maine.
1913 Cox, Simon F., Mattapan.

1914 Crafts, Miss Elizabeth S., New York, N. Y.
1920 Craig, Mrs. Helen M., Boston.
1924 Craig, Kenneth, Brattleboro, Vt.
1901 Craig, William Nicol, Weymouth.
1924 Cram, Robert Nathan, Boston.
1925 Crane, Alfred J., Monroe, N. Y.
1917 Crane, Charles R., New York, N. Y.
1917 Crane, Mrs. R. T., Jr., Chicago, Ill.
1891 Crawford, Dr. Sarah M., Newton Centre.
1924 Crocker, Mrs. Edgar, Cambridge.
1924 Crocker, Mrs. George U., Boston.
1881 Crosby, J. Allen, Jamaica Plain.
1914 Crosby, Mrs. S. V. R., Boston.
1901 Cross, Alfred Richard, North Cohasset.
1921 Crowninshield, Benjamin W., Marblehead.
1921 Crowninshield, Francis B., Boston.
1921 Crowninshield, Mrs. Francis B., Boston.
1909 Cumner, Mrs. Nellie B., Boston.
1899 Curtis, Charles P., Boston.
1925 Curtis, Miss F. G., Boston.
1875 Curtis, Joseph H., Boston.
1924 Curtis, Mrs. Richard C., Boston.
1920 Curtiss, Frederic Haines, Boston.
1906 Cutler, Mrs. Charles F., Boston.
1919 Cutler, Clarence H., Lexington.
1903 Cutler, Judge Samuel R., Revere.

1897 Damon, Frederick W., Arlington.
1908 Dane, Ernest B., Brookline.
1908 Dane, Mrs. Ernest B., Brookline.
1919 Danforth, Joseph A., Danvers.
1899 Daniels, Dr. Edwin A., Boston.
1909 Danielson, Mrs. DeForest, Boston.
1902 Davis, Mrs. Arthur E., Dover.
1913 Davis, Bancroft Chandler, Washington, D. C.
1889 Davis, Frederick S., Boston.
1916 Davis, Miss Helen I., Lynnfield Centre.
1914 Davis, Livingston, Milton.
1909 Dawson, Henry Sargent, Holliston.
1905 Day, Henry B., Boston.
1917 Day, Mrs. Mary E., Newton.
1921 De Nave, Paul, Wellesley.
1873 Denny, Clarence H., Boston.
1924 De Normandie, James 2d, Boston.
1924 Dexter, Charles O., New Bedford.
1917 Dexter, George T., Boston.
1904 Dexter, Gordon, Beverly Farms.
1904 Dexter, Philip, Boston.
1924 Dexter, Mrs. William, Manchester.
1924 Dexter, William, Manchester.
1924 Dickerman, Frank E., Boston.
1921 Dodd, Dexter T., Hudson.
1924 Dodd, Mrs. E. A., Hyde Park.
1922 Dodge, Mrs. Edwin Sherrill, Westwood.
1924 Doig, John S., Barrington, R. I.
1924 Donahue, Thomas F., Newton Lower Falls.
1896 Donald, William, Cold Spring Harbor, N. Y.
1900 Donaldson, James, Roxbury.
1897 Dorr, George B., Bar Harbor, Me.
1907 Doten, Scott T., Acton.
1914 Douglass, Alfred, Brookline.
1917 Downs, Jere Arthur, Winchester.
1910 Downs, William, Chestnut Hill.
1917 Dowse, Charles F., Boston.
1893 Dowse, William B. H., Boston.
1917 Draper, B. H., Bristow, Hopedale.
1920 Draper, Eben S., Hopedale.
1897 Dumaresq Herbert, Centre Harbor, N. H.
1899 Duncan, James L., New York, N. Y.
1902 Duncan, John W., Spokane, Wash.
1896 Dunlap, James H., Nashua, N. H.
1915 Dunn, Stephen Troyte, F.L.S., F.R.G.S., Twickenham, Eng.
1915 Dupee, William Arthur, Milton.
1909 Dupuy, Louis, Whitestone, L. I., N. Y.
1880 Dutcher, Frank J., Hopedale.
1917 Dutcher, Miss Grace M., Hopedale.
1902 Dyer, Herbert H., Cambridge.

1912 Eaton, Harris D., Southborough.
1918 Eccleston, Douglas, Beverly Farms.
1911 Edgar, Mrs. Rose H., Waverley.
1921 Ellery, William, Brookline.
1921 Ellery, Mrs. William, Brookline.
1887 Elliott, Mrs. John W., Boston.
1907 Emerson, Nathaniel W., M.D., Boston.
1922 Emery, Miss Georgia H., Newton.
1917 Emmons, Mrs. R. W., 2nd, Boston.
1894 Endicott, William, Boston.
1899 Endicott, William C., Danvers.
1919 Endicott, Mrs. William C., Danvers.
1919 Endicott, Mrs. William C., Jr., Danvers.
1919 Engstrom, Richard, Lexington.
1915 Ernst, Mrs. Harold C., Jamaica Plain.
1925 Erskine, Frank L., Brockton.

1924 Eustis, Mrs. Augustus H., Readville.
1907 Eustis, Miss Elizabeth M., Brookline.
1907 Eustis, Miss Mary St. Barbe, Brookline.

1915 Fairbanks, Charles F., Boston.
1881 Fairchild, Charles, New York, N. Y.
1877 Falconer, William, Pittsburgh, Pa.
1884 Farlow, Lewis H., Boston.
1896 Farnsworth, Mrs. William, Dedham.
1915 Farquhar, Mrs. John K. M. L., Roxbury.
1884 Farquhar, Robert, North Cambridge.
1917 Farr, Mrs. Betty K., Stoneham.
1908 Fay, Wilton B., West Medford.
1914 Fearing, George R., Jr., Boston.
1924 Fearing, George R., 3d, Boston.
1917 Fenno, Mrs. Pauline Shaw, Rowley.
1917 Fessenden, Sewell H., Boston.
1883 Fewkes, Arthur H., Newton Highlands.
1904 Finlayson, Duncan, Jamaica Plain.
1892 Finlayson, Kenneth, Jamaica Plain.
1901 Fisher, Peter, Ellis.
1901 Fiske, Harry E., Boston.
1894 FitzGerald, Desmond, Brookline.
1882 Fletcher, George V., Belmont.
1917 Foot, Nathan Chandler, M., D., Cincinnati, Ohio.
1914 Forbes, Alexander, M.D., Milton.
1909 Forbes, Charles Stewart, Boston.
1909 Forbes, Mrs. J. Malcolm, Milton.
1914 Forbes, W. Cameron, Westwood.
1909 Forbes, Mrs. William H., Milton.
1917 Fosdick, Lucian J., Boston.
1914 Foster, Alfred D., Milton.
1899 Foster, Charles H., W., Boston.
1924 Foster, Mrs. C. H. W., Charles River Village.
1917 Foster, Miss Fanny, Newport, R. I.
1885 Fottler, John, Jr., Dorchester.
1914 Fraser, Charles E. K., South Natick.
1893 French, W. Clifford, Pasadena, Calif.
1917 Frishmuth, Miss Anna Biddle, Boston.
1903 Frost, Harold L., Arlington.
1900 Frost, Irving B., Belmont.
1922 Frost, Paul, Cambridge.
1899 Frothingham, Mrs. Louis A., North Easton.
1923 Fuller, Hon. Alvan T., Boston.

1917 Gage, Mrs. Homer, Worcester.
1920 Gale, Herbert E., Swampscott.
1910 Galloupe, Frederic R., Boston.
1914 Gardiner, Robert H., Gardiner, Maine.
1901 Gardner, Mrs. Augustus P., Hamilton.
1895 Gardner, George P., Boston.
1899 Gardner, William Amory, Groton.
1904 Garratt, Allan V., Holliston.
1899 Gaston, William A., Boston.
1911 Gavin, Frank D., Manchester.
1910 Geiger, Albert, Jr., Brookline.
1911 Gill, Miss Adeline Bradbury, Boston.
1911 Gill, Miss Eliza M., Boston.
1887 Gill, George B., Boston.
1919 Gilmore, George L., Lexington.
1907 Goddard, Samuel J., Framingham.
1922 Godfrey, Mrs. Hollis, Duxbury.
1921 Goodale, Geoffrey D., Boston.
1904 Goodale, Dr. Joseph L., Boston.
1925 Grant, Mrs. Rhoda B., Reading.
1899 Gray, Mrs. John C., Boston.
1924 Green, Mrs. Edward C., Jr., Weston.
1925 Greene, Edward H. R., South-Dartmouth.
1914 Greene, Edwin Farnham, Boston.
1905 Greenough, Mrs. Charles P., Brookline.
1912 Greenough, Mrs David S., Jamaica Plain.
1914 Grew, Edward W., Boston.
1925 Grey, Robert M., Cienfuegos, Cuba.
1919 Griffin, Arthur E., Marion.
1924 Guerineau, John P. A., Boston.

1897 Hale, James O., Byfield.
1910 Hale, Mrs. Swinburne, New York, N. Y.
1924 Hall, Mrs. George A., Brookline.
1912 Hall, Mrs. George G., Boston.
1899 Hall, Jackson E., Cambridge.
1910 Halloran, Edward J., Newton Highlands.
1923 Hamblin, Stephen F., Lexington.
1924 Hamilton, Mrs. George Langford, Jamestown, R. I.
1917 Hammond, Mrs. E.C., Auburndale.
1914 Harding, Charles L., Dedham.
1918 Harding, Mrs. Edward, Plainfield, N. J.
1889 Hargraves, William J., West Roxbury.

1887 Harris, Thaddeus William A. M., Littleton, N. H.
1909 Hart, Francis R., Boston.
1914 Hartt, Arthur W., Brookline.
1895 Harwood, George Fred, Newton.
1884 Hastings, Levi W., Brookline.
1894 Hatfield, T. D., Wellesley.
1914 Havemeyer, Theodore A., New York, N. Y.
1925 Heard, Joseph J., Brookline.
1922 Haynes, Edmund B., Boston.
1899 Hayward, George P., Chestnut Hill.
1914 Hayward, H. T., Franklin.
1905 Head, Thomas W., Red Bank, N. J.
1913 Heeremans, Frederic, Lenox.
1924 Heggie, James, West Newton.
1903 Hellier, Charles E., Marion.
1888 Hemenway, Augustus, Boston.
1899 Hemenway, Mrs. Augustus, Boston.
1914 Hemenway, Augustus, Jr., Boston.
1884 Henshaw, Joseph P. B., Boston.
1899 Henshaw, Samuel, Cambridge.
1925 Hersey, Miss Clara, Roxbury.
1924 Hetzer, Miss L. Louise, Groton.
1901 Heurlin, Julius, South Braintree.
1922 Heurlin, Victor J., South Braintree.
1891 Heustis, Warren H., Belmont.
1902 Higginson, Mrs. Henry L., Boston.
1886 Hittinger, Jacob, Belmont.
1918 Holbrook, Miss Grace Ware, Brattleboro, Vt.
1914 Hollingsworth, Valentine, Boston.
1899 Hollingsworth, Z. T., Boston.
1891 Holmes, Edward J., Boston.
1900 Holt, William W., Norway, Maine.
1899 Hood, Lady Ellen, Sheen, Surrey, Eng.
1922 Hopkinson, Mrs. Charles Manchester.
1914 Hornblower, Henry, Boston.
1922 Horsford, Miss Cornelia C. F., Cambridge.
1888 Horsford, Miss Kate, Cambridge.
1902 Hosmer, Oscar, Baldwinsville.
1907 Houghton, Clement S., Chestnut Hill.
1913 Houghton, Mrs. Clement S., Chestnut Hill.
1910 Houghton, Miss Elizabeth G., Boston.
1872 Hovey, Charles H., South Pasadena, Cal.
1884 Hovey, Stillman S., Woburn.
1917 Howard, Everett C., Belchertown.
1904 Howard, Henry M., West Newton.
1925 Howden, Thomas, Hudson.
1923 Howe, James M., Jr., Daytona, Fla.
1915 Howes, Mrs. Ernest, Boston.
1917 Howes, Osborne, Chestnut Hill.
1896 Hubbard, Charles Wells, Auburndale.
1917 Hubbard, Eliot, Cambridge.
1893 Hubbard, F. Tracy, Brookline.
1913 Huebner, H., Groton.
1917 Hunnewell, Mrs. Arthur, Wellesley.
1912 Hunnewell, F. W., Cambridge.
1893 Hunnewell, Henry Sargent, Wellesley.
1912 Hunnewell, Mrs. Henry S., Wellesley.
1922 Hunnewell, Miss Louisa, Boston.
1912 Hunnewell, Walter, Wellesley.
1917 Hunt, Miss Belle, Boston.
1919 Hunt, William, Lexington.
1880 Hunt, William H., Belmont.
1924 Hurlbut, Byron Satterlee, Cambridge.
1924 Hutson, Alfred R., Brighton.

1919 I'Anson, George, Beverly Farms.

1893 Jack, John George, East Walpole.
1886 Jackson, Charles L., Boston.
1914 Jackson, Mrs. James, Jr., Westwood.
1884 Jackson, Robert T., Peterborough, N. H.
1916 Jahn, Paul H., East Bridgewater.
1916 Jahn, William O., East Bridgewater.
1902 James, Ellerton, Milton.
1902 James, Mrs. Ellerton, Milton.
1913 Jeffries, John, 5th, Philadelphia, Pa.
1899 Jeffries, William A., Boston.
1865 Jenks, Charles W., Bedford.
1905 Johnson, Arthur S., Boston.
1921 Johnson, C. B., Woburn.
1914 Johnson, Edward C., Boston.
1885 Johnson, J. Frank., Malden.
1922 Jones, Miss Eleanor P., Haverhill.
1897 Jones, Dr. Mary E., Boston.
1922 Judd, William H., Jamaica Plain.

1920 Keith, Simeon C., Brookline.
1897 Kellen, William V., Boston.
1898 Kelsey, Harlan P., Salem.
1891 Kendall, Dr. Walter G., Atlantic.

1898 Kennard, Frederic H., Newton Centre.
1909 Kennedy, Harris, M.D., Milton.
1923 Keyes, Mrs. Charles, Groton.
1905 Keyes, Mrs. Emma Mayer, New York.
1891 Keyes, John M., Concord.
1889 Kidder, Charles A., Southborough.
1910 Kidder, Mrs. Henry P., Meadville, Pa.
1880 Kidder, Nathaniel T., Milton.
1903 Kimball, Richard D., Waban.
1924 King, Mrs. Henry P., Boston.
1899 Kinney, H. R., Worcester.
1906 Kinnicutt, Mrs. Leonard P., Worcester.
1904 Kirkland, Archie Howard, Reading.
1924 Knights, Harry W., Littleton.

1899 Lamb, Horatio A., Boston.
1925 Lamb, Mrs. H. A., Boston.
1913 Lancaster, Dr. Walter B., Newton Centre.
1924 Lane, Mrs. G. M., Manchester.
1899 Lanier, Charles, Lenox.
1917 Lapham, Henry G., Brookline.
1925 Lasell, Mrs. Jos. M., Whitinsville.
1920 Lauriat, Charles E., Jr., West Newton.
1895 Lawrence, Amos A., New York, N. Y.
1873 Lawrence, John, Groton.
1899 Lawrence, Rt. Rev. William, Boston.
1914 Lee, George C., Westwood.
1880 Leeson, Hon. Joseph R., Boston.
1920 Leigh, Mrs. George Taylor, North Cohasset.
1902 Leighton, George B., Monadnock, N. H.
1914 Leland, Lester, Boston.
1914 Leland, Mrs. Lester, Boston.
1924 Lenk, Walter E., Belmont.
1924 Lewis, Mrs. Herman E., Haverhill.
1903 Libby, Charles W., Medford.
1917 Liggett, Louis K., Chestnut Hill.
1922 Linder, John Farlow, Canton.
1923 Lippincott, Arthur H., Stockbridge.
1899 Locke, Isaac H., Belmont.
1891 Lodge, Richard W., Redlands, Cal.
1897 Loomis, Elihu G., Boston.
1899 Loring Augustus P., Boston.
1919 Loring, Augustus P., Jr., Boston.
1925 Loring, Mrs. Homer, Ashland.
1914 Loring, Miss Katharine P., Prides Crossing.
1923 Loring, Mrs. Lindsley, Westwood.
1919 Loring, Mrs. Rosamond B., Boston.
1896 Loring, William Caleb, Prides Crossing.
1924 Lothrop, Francis Bacon, Manchester.
1924 Lothrop, Mrs. W. S. H., Boston.
1921 Loveless, Alfred J., Lenox.
1899 Lowell, Abbott Lawrence, Cambridge.
1903 Lowell, James A., Boston.
1904 Lowell, Miss Lucy, Boston.
1899 Luke, Otis H., Brookline.
1895 Lunt, William W., Hingham.
1918 Lyman, Arthur, Boston.
1914 Lyman, C. Frederic, Boston.
1895 Lyman, George H., Boston.
1924 Lyman, Mrs. George H., Boston.
1925 Lyman, Mrs. Henry, Boston.

1898 Mabbett, George, Plymouth.
1919 McGregor, Frank J., Newburyport.
1912 McKay, Alexander, Jamaica Plain.
1922 McKee, Mrs. William L., Boston.
1923 McKelvey, Mrs. Charles W., Orange, N. J.
1911 McKenzie, Donald, Chestnut Hill.
1920 Manda, Joseph, West Orange, N. J.
1884 Manda, W. A., South Orange, N. J.
1890 Manning, A. Chandler, Wilmington.
1887 Manning, J. Woodward, Cleveland, Ohio.
1884 Manning, Warren H., Cambridge.
1924 Marchant, A. H., Winchester.
1909 Marlborough, James, Topsfield.
1876 Marshall, Frederick F., Everett.
1917 Martin, Edwin S., Chestnut Hill.
1899 Mason, Miss Ellen F., Boston.
1919 Mason, Miss Fanny P., Boston.
1922 Mason, Henry Lowell, Boston.
1914 Mathews, Miss Elizabeth Ashby, Newton Center.
1901 Matthews, Nathan, Boston.
1906 Maxwell, George H., Newton.
1924 May, Frederick Goddard, Groton.
1925 Maynard, Mrs. Geo. S., Boston.
1917 Mead, Francis V., West Somerville.
1917 Meader, H. E., Dover, N H.
1902 Melvin, George, South Framingham.
1905 Meredith, J. Morris, Topsfield.
1919 Merriam, Edward P., Lexington.

1881 Merriam, Herbert, Weston.
1917 Methven, James, Brookline.
1884 Metivier, James, Waltham.
1922 Mezit, Peter J., Weston.
1924 Milbank, Mrs. Albert G., New York, N. Y.
1914 Miller, Peter M., Mattapan.
1924 Miller, Mrs. W. D., Ashburnham.
1888 Milmore, Mrs. Joseph, Washington, D. C.
1917 Mink, Oliver W., Boston.
1915 Minot, Mrs. Charles S., Readville.
1925 Moltke, Countess Carl Klampenborg, Denmark.
1896 Montgomery, Alexander, Hadley.
1902 Montgomery, Alexander, Jr., Hadley.
1881 Moore, John H., Concord.
1897 Morgan, George H., New York, N. Y.
1899 Morse, John T., Boston.
1909 Morse, John Torrey, 3d., Boston.
1910 Morse, Lewis Kennedy, Boston.
1913 Morse, Robert C., Hyde Park.
1914 Morss, Charles A., Chestnut Hill.
1914 Morss, Mrs. Charles A., Chestnut Hill.
1902 Morton, James H., Huntington, N. Y.
1896 Moseley, Frederick Strong, Newburyport.
1921 Motley, Mrs. Thomas, Jr., Hyde Park.
1914 Munroe, Howard M., Lexington.
1925 Mrs. T. Morris Murray, Pomfret Center, Conn.
1900 Murray, Peter, Fairhaven.
1897 Mutch, John, Waban.

1924 Naber, Henry L. F., West Roxbury.
1921 Nason, Thomas W., Boston.
1917 Neal, James A., Brookline.
1899 Nevins, Mrs. David, Methuen.
1914 Newbold, Frederic R., New York, N. Y.
1924 Newell, Mrs. Edward A., Concord.
1874 Newman, John R., Boston.
1874 Newton, Rev. William W., Pittsfield.
1919 Nichols, Mrs. W. L. Brookline.
1895 Nicholson, William, Framingham.
1914 Nicholson, William R., Framingham.
1924 Nickerson, William David, Haverhill.
1906 Nickerson, William E., Boston.
1914 Norman, Mrs. Louisa P., Newport, R. I.
1881 Norton, Charles W., Allston.
1921 Norton, Miss Christine A., Medfield.
1920 Norton, Harry A., Ayer's Cliff, Quebec, Canada.

1921 O'Brien, John J., Boston.
1912 O'Conner, John, Brookline.
1898 Olmstead, Frederick Law, Brookline
1898 Orpet, Edward O., Santa Barbara, Cal.
1919 Osgood, Miss Alice J., Wellesley Hills.
1921 Osgood, Dana, Hopedale.
1917 Osgood, Miss Fanny C., Hopedale.

1909 Page, George, Prides Crossing.
1909 Page, George William, South Lincoln.
1900 Page, Mrs. Henrietta, Boston.
1884 Paige, Clifton H., Dorchester.
1924 Paine, Mrs. James L., Cambridge.
1914 Paine, Robert Treat, 2d, Boston.
1908 Parker, Augustine H., Dover.
1913 Parker, Edgar, North Easton.
1911 Parker, Edward, North Easton.
1915 Parker, Miss Eleanor S., Bedford.
1925 Parker, Mrs. Gwendolen, Charles River.
1921 Parker, Mrs. Harriet Talbot, Lowell.
1917 Parkhurst, Lewis, Boston.
1922 Parsons, Miss Mary, Lenox.
1923 Patten, Harold J., Tewksbury.
1914 Patten, Miss Jane B., South Natick.
1924 Patterson, Morehead, Southampton, N. Y.
1924 Patterson, Mrs. Morehead, Southampton, N. Y.
1909 Peabody, Francis, Boston.
1909 Peabody, Mrs. Francis, Milton.
1899 Peabody, George A., Danvers.
1925 Peirce, Miss Charlotte, Boston.
1907 Peirce, E. Allan, Waltham.
1916 Peirce, Edward R., Wellesley Farms.
1915 Penn, Henry, Brookline.
1917 Peterson, George H., Fair Lawn, N. J.
1925 Phelan, James J., Boston.
1899 Phillips, William, North Beverly.
1895 Pickman, Dudley L., Boston.

1902 Pickman, Mrs. Dudley L., Boston.
1923 Pierce, Charles Sumner, Milton.
1881 Pierce, Dean, Boston.
1898 Pierce, Mrs. F. A., Brookline.
1905 Pierson, Frank R., Tarrytown, N. Y.
1914 Pingree, David, Salem.
1919 Pocock, Frederick, Beverly Farms.
1900 Pond, Preston, Winchester.
1892 Porter, James C., Wollaston.
1914 Pratt, Waldo E., Wellesley Hills.
1898 Pray, James Sturgis, Cambridge.
1903 Preston, Howard Willis, Providence, R. I.
1911 Priest, Lyman F., Gleasondale.
1901 Proctor, Thomas E., Topsfield.
1883 Purdie, George A., Wellesley Hills.
1899 Putnam, George, Boston.
1900 Putnam, George J., Boston.
1924 Putnam, Mrs. William Lowell, Manchester.
1924 Pyle, Robert, West Grove, Pa.

1886 Quinby, Hosea M., M.D., Worcester.
1923 Quint, Harry, Boston.

1914 Rackemann, Charles S., Readville.
1924 Ramseyer, Mrs. A. F., Chestnut Hill.
1889 Rand, Harry S., North Cambridge.
1908 Rand, Miss Margaret A., Cambridge.
1903 Rawson, Herbert W., Arlington.
1882 Ray, James F., Franklin.
1890 Raymond, Walter, Pasadena, Cal.
1897 Rea, Frederic J., Norwood.
1891 Read, Charles A., Manchester.
1902 Reardon, Edmund, Cambridge.
1892 Reardon, John B., Boston.
1905 Remick, Frank W., Boston.
1924 Rice, Charles, Lexington.
1893 Rich, Miss Ruth G., Livermore, Falls, Me.
1888 Rich, William E. C., Ocean Park, Me.
1887 Rich, William P., Chelsea.
1876 Richards, John J., Brookline.
1899 Richardson, Mrs. F. L. W., Charles River Village.
1912 Richardson, H. H., Brookline.
1923 Richardson, Mrs. Jennie A., Waltham.
1918 Richardson, William K., Nahant.
1900 Richardson, Dr. William L., Boston.
1905 Riggs, William Allan, Auburndale.
1917 Riley, Charles E., Newton.
1886 Ripley, Charles, Dorchester.
1925 Robb, Peter, Whitinsville.
1903 Robb, Russell, Boston.
1909 Roberts, Miss Anna B., Boston.
1909 Robinson, Alfred E., Norfolk, Va.
1893 Robinson, Walter A., Arlington.
1925 Robinson, Wm. H., Pittsburgh, Pa.
1911 Rogers, Dexter M., Allston.
1914 Rogers, Dudley P., Danvers.
1921 Rogers, Miss Madelaine G., Brookline.
1900 Roland, Thomas, Nahant.
1922 Rose, Mrs. Edward, Chestnut Hill.
1910 Ross, Harold S., Hingham.
1892 Ross, Henry Wilson, Newton Centre.
1895 Rothwell, James E., Brookline.
1923 Rousmaniere, Mrs. E. S., Boston.
1899 Roy, David Frank., Wakefield.
1875 Russell, George, Woburn.
1900 Russell, James S., Milton.
1921 Russell, John L., Dedham.
1919 Ryder, Charles W., Newtonville.

1924 Sabine, John Lawrence, Groton.
1893 Salisbury, William C. G., Brookline.
1915 Saltonstall, Mrs. Caroline S., Milton.
1912 Saltonstall, John L., Boston.
1912 Saltonstall, Mrs. John L., Topsfield.
1924 Saltonstall, Mrs. Richard Middlecott, Chestnut Hill.
1897 Sander, Charles J., Brookline.
1898 Sanger, Mrs. George P., Boston.
1922 Sargent, Miss Alice, Brookline.
1870 Sargent, Charles S., Brookline.
1902 Sargent, Charles Sprague, Jr., Cedarhurst, N. Y.
1899 Sargent, Mrs. Francis W., Wellesley.
1922 Sargent, Miss Georgiana, Lenox.
1875 Saunders, Miss Mary T., Salem.
1921 Schling, Max, New York, N. Y.
1895 Sears, Miss Clara E., Boston.
1899 Sears, Dr. Henry F., Boston.
1899 Sears, Mrs. J. Montgomery, Boston.
1923 Sedgwick, Mrs. Ellery, Boston.
1898 Sharp, Miss Helen, Boston.
1914 Shattuck, Dr. Frederick C., Boston.
1914 Shattuck, Mrs. Frederick C., Boston.

1899 Shaw, Francis, Wayland.
1924 Shaw, Hollis Hunnewell, Brookline.
1924 Shaw, Mrs. Quincy A., Boston.
1899 Shaw, Mrs. Robert G., Brookline.
1901 Shea, James B., Jamaica Plain.
1925 Shultis, Newton, Winchester.
1920 Shurtleff, Arthur A., Boston
1901 Shurtleff, Josiah B., Revere.
1893 Siebrecht, H. A., New Rochelle, N. Y.
1917 Silber, Miss Charlotte G., Needham.
1899 Sleeper, Henry Davis, Boston.
1903 Smiley, Daniel, Lake Mohonk, N. Y.
1888 Smith, Charles S., Lincoln.
1919 Smith, Earnest E., Boston.
1911 Smith, John L., Beach Bluff.
1874 Snow, Eugene A., Allston.
1899 Sohier, Col. William D., Boston.
1925 Sortwell, Mrs. Alvin F., Wiscasset, Maine.
1925 Southwick, Miss Jeanie Lea, Worcester.
1918 Spaulding, Miss Dora N., Boston.
1908 Spaulding, John T., Boston.
1908 Spaulding, William S., Boston.
1897 Sprague, Isaac, Boston.
1922 Sprague, Phineas W., Boston.
1884 Stearns, Charles H., Brookline.
1893 Stearns, Frank W., Boston.
1896 Stedman, Henry R., M.D., Brookline.
1914 Stevens, Mrs. Nathaniel, North Andover.
1919 Stewart, George F., Waltham.
1924 Stewart, Gordon P., Waltham.
1924 Stewart, Irving H., Hyde Park.
1918 Stimpson, Harry F., Chestnut Hill.
1901 Stone, Charles A., Newton.
1889 Stone, Charles W., Boston.
1910 Stone, Mrs. Francis H., So. Dartmouth.
1914 Stone, Galen L., Brookline.
1896 Stone, Prof. George E., Amherst.
1914 Stone, J., Winthrop, Watertown.
1914 Stone, Nathaniel H., Milton.
1917 Storey, Moorfield, Boston.
1905 Storrow, James J., Boston.
1918 Stranger, David C., West Newbury.
1905 Stratton, Charles E., Boston.
1906 Strout, Charles S., Biddeford, Me.
1914 Sturgis, Miss Evelyn R., Manchester.
1902 Sturgis, Richard Clipston, Boston.
1916 Sturtevant, Miss Grace, Wellesley Farms.
1921 Sturtevant, Robert Swan, Wellesley Farms.
1910 Sullivan, Martin, Jamaica Plain.
1924 Sumner, Edward P., Shrewsbury.
1912 Swan, Charles H., Jamaica Plain.
1891 Sweet, Everell F., Boston.
1916 Swett, Raymond W., Newton.
1904 Sylvester, Edmund Q., Boston.

1924 Taft, Mrs. Robert W., Providence, R. I.
1924 Taylor, Miss Laura, Haverhill.
1900 Taylor, Mrs. Thomas, Jr., Columbia, S. C.
1913 Tedcastle, Mrs. Arthur W., Hyde Park.
1917 Thacher, Miss Elizabeth B., Roxbury.
1921 Thairlwall, William C., Boston.
1912 Thatcher, Arthur E., Hull's Cove, Me.
1898 Thatcher, William, Brookline.
1900 Thayer, Mrs. Bayard, South Lancaster.
1903 Thayer, Henry J., Boston.
1899 Thayer, John E., South Lancaster.
1899 Thayer, Mrs. John E., South Lancaster.
1899 Thayer, Mrs. Nathaniel, South Lancaster.
1899 Thiemann, Hermann, Owosso, Mich.
1925 Thomas, Mrs. I. R., Ipswich.
1899 Thomas, W. B., Boston.
1921 Thompson, Eben F., Worcester.
1924 Thoron, Mrs. Ward, Danvers.
1910 Thurlow, George C., West Newbury.
1913 Thurlow, Winthrop H., West Newbury.
1923 Titus, Mrs. Gertrude I., Swampscott.
1924 Tobie, Mrs. Walter E., Portland, Me.
1896 Toppan, Roland W., Boston.
1899 Tower, Miss Ellen, May, Lexington.
1893 Trepess, Samuel J., Glencove, L. I., N. Y.
1922 Tudor, Mrs. Henry D., Cambridge.
1917 Tufts, Bowen, Medford.
1910 Turner, Chester Bidwell, Stoughton.
1914 Tyler, Charles H., Boston.
1919 Tyndall, David, Brockton.

1901 Underwood, Loring, Belmont.

1921 Van Baarda, P. J., North Cambridge.
1919 Vander Voet, Christian, Jamaica Plain.
1924 Vaughan, Mrs. Henry G., South Berwick, Me.
1899 Vaughan, William Warren, Boston.
1884 Vinal, Miss Mary L., Somerville.

1916 Wagstaff, Archibald, Wellesley Hills.
1876 Walcott, Henry P., M. D., Cambridge.
1895 Waldo, C. Sidney, Jamaica Plain.
1924 Walley, Mrs. Herbert H., Newton.
1907 Walton, Arthur G., Wakefield.
1902 Warburton, Chatterton, Fall River.
1912 Wardwell, Mrs. T. Otis, Haverhill.
1894 Ware, Miss Mary L., Boston.
1909 Warren, Bentley W., Boston.
1884 Watson, Thomas A., Boston.
1914 Watters, W. F., Boston.
1905 Webster, Edwin S., Chestnut Hill.
1914 Webster, Mrs. Edwin S., Chestnut Hill.
1905 Webster, Frank G., Boston
1907 Webster, George H., Haverhill.
1896 Webster, Hollis, Cambridge.
1905 Webster, Laurence J., Chestnut Hill.
1909 Weeks, Andrew Gray, Boston.
1902 Welch, Edward J., Dorchester.
1914 Weld, Mrs. Charles G., Brookline.
1917 Weld, Rudolph, Boston.
1914 Weld, Mrs. Stephen M., Boston.
1912 Wellington, Mrs. Arthur W., Boston.
1917 Wellington, William H., Boston.
1882 West, Mrs. Maria L., Neponset.
1919 Wheeler, Everett P., Rockland.
1889 Wheeler, James, Natick.
1897 Wheeler, Wilfrid, Concord.
1923 Wheelwright, Miss Mary C., Boston.
1919 Whitcomb, Myron L., Haverhill.
1901 White, Mrs. Charles T., Boston.
1909 White, Harry K., Milton.
1917 Whitehouse, Mrs. Francis M., Manchester.
1905 Whitman, William, Brookline.
1894 Whitney, Arthur E., Winchester.
1924 Whitney, Byam, Boston.
1894 Whitney, Ellerton P., Boston.
1924 Whitney, Geoffrey G., Milton.
1925 Whittemore, Harvey F., Waltham.
1924 Wigglesworth, Mrs. Edward Topsfield.
1915 Wigglesworth, Frank, Milton.
1899 Wigglesworth, George, Milton.
1924 Wight, Mrs. Delano, Brookline.
1889 Wilde, Mrs. Albion D., Canton.
1897 Wilkie, Edward A., Newtonville.
1899 Williams, Miss Adelia Coffin, Roxbury.
1924 Williams, Mrs. Clarence C., Washington, D. C.
1905 Williams, George Percy, Boston.
1899 Williams, John Davis, Boston.
1905 Williams, Mrs. J. Bertram, Cambridge.
1915 Wilson, E. H., Jamaica Plain
1914 Wilson, Fred A., Nahant.
1919 Wilson, James A., Lexington.
1881 Wilson, William Power, Boston.
1921 Winkler, Edward, Wakefield.
1917 Winslow, Arthur, Boston.
1905 Winsor, Robert, Weston.
1920 Winter, Miss Hattie B., Mansfield.
1906 Winter, Herman L., Portland, Me.
1914 Winthrop, Grenville L., Lenox.
1920 Wister, John C., Philadelphia, Pa.
1925 Wolcott, William Prescott, Readville.
1921 Wollrath, Henry J., Waltham.
1905 Woodberry, Miss E., Gertrude, Winter Hill.
1905 Woodbury, John, Boston.
1906 Woodward, Mrs. Samuel Bayard, Worcester.
1920 Worthley, L. H., Arlington.
1925 Mrs. Philip W., Wrenn, Dedham.
1917 Wright, George S., Watertown.
1921 Wyman, Richard M., Framingham.
1919 Wyman, Walton G., North Abington.
1900 Wyman, Windsor H., North Abington.

1921 Young, Mrs. Charlotte W., Auburndale.

ANNUAL MEMBERS

Abbot, Miss Mary P., Harvard.
Abney, Martin J., Athens, Ga.
Aborn, Mrs. Charles M., Boston.
Aborn, Mrs. Frank P., Swampscott.
Achorn, Mrs. C. C., Portland, Maine.
Achorn, Dr. Ralph C., Boston
Adalian, Mrs. G. Harry, Newton Highlands.
Adams, Miss Amy W., Melrose.
Adams, Charles F., Jamaica Plain.
Adams, Miss F. N., Newton.
Adams, Howard S., Walpole.
Adamson, A. H., Methuen.
Adie, Mrs. Andrew, Chestnut Hill.
Adie, James M., Peabody.
Albee, Mrs. Herbert H., Wollaston.
Albee, Miss Isabell L., Wollaston.
Alcock, John, New Bedford.
Alden, Lester F., Chelmsford.
Alexander, J. Herbert Middleboro.
Alexander, J. K., East Bridgewater.
Allen, Albert, Boston.
Allen, Miss Annie E., Cambridge.
Allen, George L. L., Medfield.
Allen, Miss Eleanor W., Princeton
Allen, Miss Lizzie C., Newtonville
Allen, Mrs. Nellie B., New York, N. Y.
Alling, Mrs. C. S., Gloucester
Almond, Robert B., Wellesley.
Alves, Joseph, Brighton.
Anderson, Miss A. Elizabeth, Wellesley.
Anderson, George V., East Milton.
Andrews, A. Le Roy, Ithaca, N. Y.
Andrews, Mrs. Frank A., Nahant.
Andrews, Miss Grace F., Chelsea.
Andrews, Herbert M., West Newton.
Andrews, Miss Mary T., Mattapan.
Apsey, Albert S., Cambridge.
Arlett, W. F., Oakland, Calif.
Arnold, Mrs. Harold G., West Roxbury.
Arnott, Peter, Chestnut Hill.
Aronson, Miss Lillian, Chelsea.
Arrington, Luther B., Amherst.
Arthur, M. Charles, Ipswich.
Ashley, Mrs. Gertrude P., Deerfield.
Asmus, E. A., California.
Atherton, William C., Wakefield.
Atwill, Miss Elizabeth, West Roxbury.
Atwood, Mrs. Frederick A., Boston.
Aurelio, William G., Boston.
Austin, Mrs. A. G., Ravenna, Ohio.
Austin, Miss Edith, Marion.
Austin, Mrs. Walter, Dedham.
Auten, Andrew. Oberlin, Ohio.
Ayer, Merton W., Kendal Green.

Babcock, Mrs. D. M., Arlington.
Babcock, Miss Mabel K., Boston.
Babson, Miss Ruth, Chelsea.
Bacon, Mrs. Francis, Boston.
Bacon, Mrs. Gaspar G., Jamaica Plain.
Badger, Arthur C., Chestnut Hill.
Baily, Miss Jane L., Boston.
Baker, Mrs. G. B., Chestnut Hill.
Baker, Mrs. James G., Fairhaven.
Baker, Miss S. Louise, Swansea.
Balch, John, Milton.
Baldwin, George E., Mamaroneck, N. Y.
Baldwin, Harry, Mamaroneck, N. Y.
Baldwin, Roger S., Woodbury, Conn.
Bancroft, Arthur G., Reading.
Bancroft, Rev. James, Woods Hole.
Bankart, Mrs. Marion S., East Lynn.
Barber, Austin E., Hillsdale, Mich.
Barnes, Miss Mary P., Hingham.
Barnes, Parker T., Harrisburg, Pa.
Barnet, John, Sewickley, Pa.
Barney, Mrs. Edward M., Lynn.
Barney, Ernest A., Canaan, N. H.
Barney, Mrs. George W., Bridgewater.
Barret, Edwin W., Readville.
Barrie, Thomas Kenneth, Coudersport, Pa.
Barron, Leonard, Garden City, N. Y.
Barrows, Herbert C., Wilmington.
Barry, Mrs. C. C., Melrose.
Barry, Joseph E., Jamaica Plain.
Barry, Miss M. L., Wellesley Hills.
Barry, Phillips, Groton.
Bartlett, Miss Annie E., Lincoln.
Bartlett, Mrs. James A., Malden.
Bartlett, John P., Beverly.
Bartol, Mrs. J. W., Boston.
Baskin, John, Marion.
Bassett, Mrs. William, Cheshire, Conn.
Batchelder, Mrs. Geo. L. Jr., Boston.
Batchelder, Mrs. I. H., Danvers.
Bateman, Mrs. F. E., Somerville.

Baxendale, Herbert, Canton.
Baxter, Jesse B., East Milton.
Beal, Robert Washburn, Boston.
Beal, Thomas P., Jr., Boston.
Beaman, Mrs. Marion E., Westborough.
Bean, Mrs. H. S., Boston.
Bean, Mrs. Norwin S., Boston.
Beatrice, Charles A., Sharon.
Beauchamp, A. A., Boston.
Beaudry, Eugene, Whitinsville.
Becker, R. C., La Grange, Ill.
Beebe, Mrs. Decius, Melrose.
Beebe, Mrs. Frederic, Boston.
Beebe, Mrs. F. Russell, Weston.
Begg, George A., Sharon.
Belches, Edward F., Framingham.
Benedict, Mrs. Cornelia G., Machiasport, Me.
Benedict, Francis G., Boston.
Benedict, Clarence B., Norwood.
Benedict, Mrs. George W., Milton.
Benedict, Mrs. Millicent E., Norwood.
Benedict, Mrs. Wm. L., Duxbury.
Bennet, Edgar H., Boston.
Benson, Earl M., Wellesley.
Benson, Miss Ethel, Dover.
Bent, Harold T., Framingham Center.
Bentley, George W., Weston.
Benton, Mrs. Everett C., Cambridge.
Berger, Miss Inngard, Wellesley.
Berry, Mrs. James M., Everett.
Best, Theodore H., Dorchester.
Beveridge, Mrs. H. L., Cambridge.
Bickerton, Mrs. F. W., Framingham.
Bickford, Mrs. H. L. W., Hampton, Va.
Bickford, Horace M. Sr., Sharon.
Biddle, Miss E. W. Philadelphia, Pa.
Bigelow, Mrs. Alanson, Boston.
Billings, Mrs. Arthur, South Hingham.
Binnian, Walter B., Cohasset.
Bird, Miss Adelaide, Cambridge.
Bird, Miss Harriet E., Cambridge.
Bird, Miss Susan, Cambridge.
Birnie, Miss Eliza R., Cambridge.
Blackford, Mrs. Eliza B., Boston.
Blackmer, James W., Beverly.
Blair, Mrs. Walter, Norwood.
Blake, Charles S., Ashby.
Blakely, Mrs. Fannie E., Boston.
Blakeman, Thomas, Rockland.
Blanchard, Mrs. Victorine, Norway, Me.
Blanchard, Miss Annie R., Melrose.
Blanchard, Mrs. L. E., Somerville.
Blanchard, Grace T., Topsfield.
Blaney, Mrs. Dwight, Boston.
Blease, Thomas, Central Falls, R. I.
Bliss, Milford E., Attleboro.
Blodget, Jesse M., Worcester.
Blodgett, Arthur L., Lexington.
Blood, Arthur K., Lynn.
Bloomfield, Miss Emily W., Winthrop.
Blossom, Harold H., Dedham.
Bogholt, Christine M., Newport, R. I.
Bolles, Miss Florence I., Wellesley.
Bond, George E., Newport, R. I.
Bond, James, So. Lancaster.
Bonelli, Mary E., Boston.
Bonestell, Mrs. Cutler, Menlo Park, Calif.
Bonnewitz, Lee R., Van Wert, Ohio.
Borland, Mrs. William G., Dover.
Borowski, Ernest H., Roslindale.
Boutell, Albert A., Canton.
Boutell, James W., Athol.
Boutwell, Miss Edna, Woburn.
Bowditch, Mrs. Ernest W., Milton.
Bowie, David W., West Somerville.
Bowman, Mrs. K. F., Warrentown, Va.
Bowman, Miss Mary E., Bedford.
Boyd, James, Philadelphia, Pa.
Boyle, Albert, Milton.
Boyle, Charles F., Boston.
Bradlee, Arthur F., Littleton.
Bradlee, Arthur T., Chestnut Hill.
Bradlee, Mrs. Arthur T., Chestnut Hill.
Bradley, Miss Abby A., Hingham.
Bradley, Mrs. J. Gardner, Boston.
Bradley, W. J., Lawrence.
Bradley, Mrs. Winfred Scott, Dover, N. H.
Brand, Mrs. Charles H., Newton Centre.
Branthover, L. L., Wakefield, Mass.
Bratenahl, Mrs. G. C. F., Washington, D. C.
Breed, Mrs. Edward F., Swampscott.
Breed, George A., Stockbridge.
Breed, Mrs. George H., Lynn.
Brewer, Bertram, Cohasset.
Brewer, D. Chauncey, Boston.
Brewer, Robert D., Hingham.
Bridges, Mrs. Luther W., Framingham.
Brien, Mrs. James, Needham.
Brier, Mrs. C. E., Scituate.
Brigham, Mrs. Clifford, Readville.
Brigham, Mrs. Ernest W., Newton Centre.
Brigham, Mrs. F. Gorham, Chestnut Hill.
Brigham, Henry H., East Orange, N. J.
Briry, John F., Malden.
Broderick, Mrs. M. E., Jamaica Plain.
Brooks, Miss Sarah W., Concord.
Brooks, Mrs. Thomas Perkins, Dover.
Brotherton, Wilber, Detroit, Mich.
Brown, Mrs. Amelia C., Brockton.
Brown, Miss Annie H., Stoneham.

Brown, Mrs. Arthur E., Wellesley Hills.
Brown, Arthur J., Readville.
Brown, Charles A., Framingham Center.
Brown, Charles S., Boston.
Brown, Chester F., Newton Hlds.
Brown, Clark W., Ashland.
Brown, Clifford, Wellesley.
Brown, Miss Ethel C., Boston.
Brown, F. L., Thomaston, Me.
Brown, Mrs. Frederick D., Dedham.
Brown, George C., Readville.
Brown, Harold L., Antrim, N. H.
Brown, J. H., Boston.
Brown, Mrs. Joseph, Woonsocket, R. I.
Brown, J. Winn, Woburn.
Brown, Mrs. G. Winthrop, Chestnut Hill.
Brown, Mrs. Paul L., Littleton.
Brown, Mrs. Sara Elizabeth, Sharon.
Brown, Thomas S., Cohasset.
Brown, William H., Hyde Park.
Browne, Mrs. Percy G., Winthrop.
Brues, Mrs. C. T., Jamaica Plain.
Brush, Horace D., Brookline.
Bryant, Mrs. Henry F., Brookline.
Bryant, Mrs. Nanna M., Boston.
Buckminster, Mrs. Wm. B., Malden.
Buckwell, Edward G., Cleveland, Ohio.
Bulk, Anton, Newport, R. I.
Bullard, Theodore Vail, South Orleans.
Bundy, F. E., Holliston.
Burdett, Mrs. Mary D., Swampscott.
Burger, Theodore E., Dover.
Burgess, Mrs. Frank, Wollaston.
Burgess, Harry E., Jackson, Mich.
Burgess, Miss Sarah K., Dedham.
Burke, Mrs. E. F., Watertown.
Burke, James D., Wellesley.
Burke, Patrick W., Brookline.
Burnham, Albert H., Lexington.
Burnham, Bradford T., Essex.
Burnham, Charles A., Winchester.
Burnhome, Mrs. M. H., Boston.
Bursch, Mrs. D. F. W., White Plains, N. Y.
Burtner, Rev. D. Emory, Lynn.
Burton, Oscar A., M. D., Wellesley.
Butman, Grafton, Rockport.
Butts, Mrs. C. G., Jamaica Plain.
Buxton, Mrs. Clara M., Boston.
Buxton, Mrs. H. H., Peabody.
Byrkit, Dr. Francis K., Wellesley.

Caddick, Edgar, Wellesley.
Cameron, H. L., North Cambridge.
Campbell, Arthur H., Westmount, Quebec, Canada.
Campbell, E. W., Boston.
Campbell, James, South Lancaster.
Campbell, Robert R., Windsor, Vt.
Camus, Emil, Boston.
Canavan, Ernest H., Newton Highlands.
Canavan, Dr. Myrtell M., Boston.
Canedy, Frank P., Boston.
Cangiano, Michael, So. Hingham.
Canning, William G., Beverly Farms.
Capen, Samuel H., Dedham.
Carlquist, S. W., Lenox.
Carlson, Harry J., Newton Center.
Carpenter, A. J., Jamaica Plain.
Carpenter, Mrs. O. W., Springvale, Me.
Carpenter, Sanford I., Sharon.
Carpenter, Mrs. Thorne M., West Roxbury.
Carpenter, Thos. E., Jamaica Plain.
Carr, Mrs. Arthur W., Bridgewater.
Carr, Miss Susan M., Newton.
Carrere, Miss Anna M., Boston.
Carroll, Mrs. C. H., Concord, N. H.
Carroll, Mrs. Robert Louis, Bridgewater.
Casey, Neil S., Melrose.
Casey, William E., Melrose.
Cass, Miss Hermina W., Melrose.
Cass, J. Foster, Hyde Park.
Castle, Andrew, North Cambridge.
Cate, Mrs. Mary Ropes, Salem.
Cathie, Harold G., Needham.
Cavan, John P., Holliston.
Chadbourn, E. R., Melrose.
Chadwick, L. T., Winnipeg, Manitoba, Canada.
Chaffee, Mrs. Ralph C., New Haven, Conn.
Challis, John, Winchester.
Chalmers, Arthur A., Amsterdam, N. Y.
Chamberlain, Mrs. W. E., Lexington.
Chamberlain, Mrs. Theodore, Concord.
Chandler, F. N., Andover.
Chandler, Larkin F., Tewksbury.
Chapin, C. H. B., Tolland.
Chapin, O. S., Boston.
Chapman, Mrs. Chandler, Longmeadow.
Chapman, Ernest A., Readville.
Chase, A. H., Newton.
Chase, Mrs. E. Frances, Stoneham.
Chase, Mrs. Harriet C., Belmont.
Chase, Mrs. John Carroll, Derry, N. H.
Chase, Lewis E., Boston.
Chatfield, M. B. L., Dedham.
Cheever, Mrs. David, Boston.
Cheney, Mrs. Frederick E., Concord.
Cheney, Mrs. L. Maude, Andover.
Cheney, Robert F., Southborough.
Child, H. Walter, Boston.
Chisholm, Mrs. W. A., Salem.
Christensen, Andrew, Stoneham.

Christensen, Harold, Stoneham.
Christmas, Frank, Waltham.
Churcher, George, Sussex, England.
Chute, Mrs. Arthur L., Boston.
Chute, Miss E. J., Cambridge.
Claflin, Edward P., Attleboro.
Claflin, Mrs. William H., Boston.
Clapp, Mrs. Eugene H., Swampscott.
Clapp, Miss Martha G. B., Nantucket Island.
Clark, Miss Arabella B., Duxbury.
Clark, Mrs. Charles S., Duxbury.
Clark, Frederick D., Toronto, Canada.
Clark, Miss Grace, Marblehead.
Clark, Mrs. Harry W., North Andover.
Clark, Hubert L., Cambridge.
Clark, Mrs. Jay, Jr., Worcester.
Clark, Miss Rosa E., Boston.
Clark, W. O., Chillicothe, Mo.
Clarke, Daniel A., Fiskeville, R. I.
Clarke, Herman F., Boston.
Clarkson, Edward H., Newburyport.
Clayton, Mrs. Henry H., Canton.
Clement, Mrs. C. W., Belmont.
Clement, Mrs. George E., Boston.
Clement, Mrs. Hazen, Brookline.
Clements, Miss Annie J., Boston.
Clements, J. E., Hyde Park.
Cleveringa, A. W., Wellesley Hills.
Coale, Mrs. George O. G., Boston.
Cobb, Mrs. Charles K., Chestnut Hill.
Cobb, F. S., Dedham.
Cobb, Mrs. Morton E., Newton Center.
Coburn, Raymond W., Kendal Green.
Cochran, Miss Edith V., Cambridge.
Cogger, Thomas, Melrose.
Cogswell, Willard G., Haverhill.
Colburn, Frank A., Cambridge.
Colby, Miss Frances E., Allston.
Cole, Harry, North Easton.
Cole, William R., Amherst.
Coles, Harry, South Natick.
Coles, James Fred, North Easton.
Coles, Thomas, Milford, Pa.
Collamore, Francis, East Bridgewater.
Collesolle, Gaston P., Milton.
Collier-Young, Mrs. C. M., Stoneham.
Colt, James D., Chestnut Hill.
Colt, Mrs. J. D., Chestnut Hill.
Colwell, L. M., Wellesley Hills.
Comey, Arthur M., Cambridge.
Conant, Mrs. Wm. C., Weston.
Condict, Mrs. Mason, Cambridge.
Congdon, Miss Louise, New Bedford.
Connick, Mrs. Charles J., West Newton.
Connolly, Mrs. F. F., Westborough.
Cook, H. A., Shrewsbury.
Cooke, Mrs. J. D., Boston.
Coolidge, Mrs. John G., Boston.
Coolidge, Mrs. W. H., Magnolia.
Cooper, Mrs. Charles, Brookline.
Cooper, Miss Gladys B., Malden.
Cooper, Frank J., Worcester.
Cooper, Mrs. W. E., Quincy.
Copeland, Charles, Wilmington, Del.
Copson, William A., Roslindale.
Corbett, Mrs. Jeremiah J., Malden.
Corne, Miss F. E., Cambridge.
Cosby, Frank C., Brookline.
Cotter, James P., Salem.
Cotton, Mrs. F. J. Cotton, Boston.
Cotton, William M., Brighton.
Cousens, John A., Chestnut Hill.
Cousens, Mrs. John A., Chestnut Hill.
Covell, Mrs. Arthur J., Wakefield.
Cones, Mrs. Robert W., Cambridge.
Covitz, Miss Emma, Roxbury.
Craig, Donald W., Weymouth.
Crane, Mrs. Annie M., Sandwich.
Crocker, Mrs. George G., Boston.
Crocker, Joseph B., Chatham.
Crombie, Miss Alberta J., Newton Highlands.
Crombie, S. B., Beverly.
Crompton, Miss Mary A., Worcester.
Crompton, Robert, New Bedford.
Cronan, Miss Alice M., Chestnut Hill.
Crosbie, Mrs. George, Newton Center.
Crosby, Miss Harriet L., Methuen.
Cross, Robert F., Osterville.
Crowell, C. B., Brattleboro, Vt.
Crowell, David, Sandwich.
Crowell, Miss Grace B., Melrose.
Cruickshank, George, Boston.
Cryan, Patrick, Swampscott.
Cullen, Martin J., Denver, Colo.
Cummings, Charles K., Boston.
Cummings, Miss Esther, Newton Highlands.
Cummings, Miss Gertrude, Boston.
Cunningham, Mrs. Henry V., Boston.
Cunningham, Miss May P., Boston.
Cunningham, Paul, Bolton.
Curran, Mrs. Anna Winter, Boston.
Currier, Mrs. Matilda I., Boston.
Curtis, Miss Agnes G., Brookline.
Curtis, Albert B., Jamaica Plain.
Curtis, Allen, Boston.
Curtis, Miss Catharine, Woburn.
Curtis, Charles H., Jamaica Plain.
Cushing, Mrs. Harvey, Brookline.
Cushman, Miss Alice, Rockland.
Cutler, Newell L., Newton Center.
Cutter, Victor M., Newton.

Cutting, Mrs. Mattie B., South Sudbury.

Dacy, Miss Alice E., Boston.
Dahl. Frederick Wm., Roxbury.
Daley, Daniel M., Arlington.
Dalton, Philip S., Milton.
Damon, C. U., Portland, Ore.
Damon, Ralph C., Ashby.
Dana, Miss Grace, Fairhaven.
Dana, Miss Mary Hurd, Brookline.
Darling, Edgar W., New Bedford.
Darrach, Harvey J., Boston.
Davenport, Miss Blanche L., Brookline
Davies, Mrs. H. R., Jamaica Plain.
Davis, Mrs. Charlotte A., Wellesley Park.
Davis, Harold S., Boston.
Davis, John C., Rochester, N. Y.
Davis, Leslie N., Stoneham.
Davol, Mrs. Stephen B., Brookline.
Dawson, Miss Laura B., Holliston.
Dawson, Wm. F., Lynn.
Dean, Mrs. Walter, Dedham.
Decker, Arthur N., Old Lyme, Conn.
Defries, Dr. William P., Brookline.
Degler, Miss Lillian M., Reading Pa.
Delano, Mrs. George, Tiverton, R. I.
Delano, Miss Julia, New Bedford.
Denham, Mrs. Christine H., Malden.
Denio, Mrs. F. W., South Lincoln.
Dennett, Charles N., Amesbury, Mass.
Dennis, Miss Emma J., Hingham.
Dennison, Mrs. C. H., Wollaston.
Dennison, Miss Edith, Melrose.
Des Granges, Donald, Hingham.
Devens, Mrs. Clifford, West Roxbury.
Devine, Mrs. C. L., Hopkinton.
Dewar, Alexander P., Boston.
Dewey, Charles R., Gardner.
De Wolf, Mrs. John O., Winchester.
Dickinson, Miss Averyl A., Cambridge.
Dickinson, Charles A., South Weymouth.
Dickins, Edward F., Billerica.
Dickson, Arthur U., Woburn.
Dixon, Harry L., Abington.
Dizer, William E., East Weymouth.
Dodd, Miss Annie M., Cambridge.
Dodge, Miss Agnes L., Melrose Highlands.
Dodge, Chester P., Rockport.
Dodge, Miss F. T., Salem.
Doerr, Miss Anna R., Evansville Ind.
Dolan, Harry F. R., Boston.
Dolansky, Frank J., Lynn.
Donald, James, Brookline.
Dooley, Thomas P., Dorchester.
Dorr, Miss Marion H., Newton Highlands.
Dorr, Mrs. Lester M., Newton Highlands.
Douglass, Walter B., Belmont.
Downer, Henry E., Poughkeepsie, N. Y.
Dows, Azro M., Lowell.
Drain, Brooks D., Amherst.
Drew, Mrs. Clarke, So. Braintree.
Driscoll, Mrs. E. J., West Roxbury.
Dubois, Wilbur, Madisonville, Ohio.
Duffill, E. Stanley, Melrose Highlands.
Duly, Richard J., Beach Bluff.
Dunbar, Miss Alice A., Boston.
Dunbar, Howard L., South Weymouth.
Duncan, A. C., St. Louis, Mo.
Duncan, Robert, Chestnut Hill.
Dunham, Mrs. Chester M., Waltham.
Dunn, Mrs. Mary M., Dorchester.
Dunphe, Mrs. Eugene M., Elmwood.
Durfee, Mrs. W. C., Jamaica Plain.
Dusseault, William F., East Boston.
Dutton, Mrs. Warren H., Bedford.
Dutelle, Paul E., Newtonville.
Duvall, Miss M. Olive, Newton Upper Falls.
Dwinell, James F., Winchester.
Dwyer, Charles, Weymouth.

Eager, Miss Julia A., Boston.
Early, Miss Ellen A., Wellesley Farms.
Eaton, Henry, Winchester.
Eastman, Arthur H., Wollaston.
Eaves, Miss Lucile, Brookline.
Eccles, James, Southborough.
Edgerly, Mrs. Harry A., Boston.
Edlmann, Miss Violet, Wellesley Farms.
Edson, John F., Lynnfield.
Edson, Miss Margaret, Roxbury.
Edwards, Clarence J., Milton.
Edwards, John H., Waverley.
Ellice, Miss Laura R., Auburndale.
Ellinger, Carl F. W., Roxbury.
Eliot, Mrs. Christopher R., Cambridge.
Elliott, Dwight D., Winchester.
Eliott, Robert H., Lowell.
Ellison, Mrs. E. H., Newton.
Elson, Alfred W., Belmont.
Ely, Mrs. C. C., Brookline.
Emerton, Ephraim, Cambridge.
Emery, Frederick L., Lexington.
Emery, Mrs. Frederick P., Hanover, N. H.
Emery, Mrs. William R., Woburn.
Emerson, Miss Louise K., Braintree.
Eno, Mrs. L. Joseph, Bradford.
Erdman, C. W. F., Wake, Va.
Ernst, Mrs. William B., Jamaica Plain.
Ericson, Dr. Erica, Boston.
Estabrook, Miss M. B., Worcester.
Estabrook, A. M., Haverhill.
Estabrooks, Dr. John W., Boston.
Estes, Mrs. M. A., Boston.

Eustis, Mrs. J. Tracy, Brookline.
Evans, Mrs. David J., Boston.
Evans, Henry S., East Stroudsburg, Pa.
Evans, Hugh, Santa Monica, Calif.
Everett, Rev. Edward, Boston.
Everett, Mrs. F. Dewey, Milton.
Everett, Mrs. Henry C., Jr., Boston.
Everett, Herbert E., Philadelphia, Pa.
Everit, Richard L., Barre.

Fairbanks, Mrs. Louis A., Westboro.
Fales, Herbert E., West Newton.
Falk, George L., Brockton.
Fall, Miss Edith E., Woburn.
Fallon, William J., Roslindale.
Farley, Mrs. J. W., Needham.
Farlow, Mrs. William G., Cambridge.
Farnsworth, Custer Lee, Lancaster.
Farnsworth, James P., Rockland.
Farr, A. C., Stoneham.
Farr, Mrs. David C., Methuen.
Farr, Mrs. Grace Tenney, Boston.
Farr, Merle W., Reading.
Farrell, Thomas S., Malden.
Farren, Rev. Merrit A., Boston.
Farrington, Edward I., Weymouth Hghts.
Faulk, Miss Ruth A., Brockton.
Faulkner, Austin F., New York, N. Y.
Faust, Oliver C., Boston.
Fay, Mrs. Joseph S., Boston.
Fay, Thornton O. M., Westboro.
Fearing, Mrs. George R., Boston.
Felton, Herbert L., West Newton.
Fenner, Mrs. A. Truman, So. Braintree.
Fenno, Albert E., Revere.
Fenton, Miss Marion E., Portsmouth, N. H.
Ferguson, Miss Annie B., Hantsport, N. S.
Ferguson, Forrest, St. Louis, Mo.
Ferguson, Margaret C., Wellesley.
Fernald, Mrs. Josiah E., Concord, N. H.
Feronetti, James, East Boxford.
Ferrin, Mrs. Frank M., Newton.
Field, Bernard, Mattapan.
Field, Mrs. H. M., Clinton.
Field, Mrs. Mary L., Winter Hill.
Field, Miss Sarah M., North Andover.
Field, Mrs. S. Olin, Norwich, N. Y.
Finberg, Mrs. Joseph, Attleboro.
Fischer, Eugene N., Sharon.
Fish, A. J., New Bedford.
Fish, George L., South Billerica.
Fisher, Gordon, Woburn.
Fiske, David L., Grafton.
Fitz, Charles E., Arlington.
Fitz, Mrs. Charles E., Arlington.
Flather, Mrs. F. A., Lowell.
Fletcher, Mrs. Carrie H., West Chelmsford.
Fletcher, Mrs. Charles, Melrose.
Fletcher, Miss Effie J., Kendal Green.
Flint, Mrs. Albert F., Wayland.
Flye, Miss Annie I., Framingham.
Flye, Grace J., Winthrop.
Fogg, Mrs. Frederick S., Brookline.
Fogg, Mrs. George P., Brookline.
Follen, Miss Josephine P., Nahant.
Foote, Mrs. Harriett R., Marblehead.
Forbes, Stewart A., Ipswich.
Ford, Everett E., New Bedford.
Fordham, Patrick, Dedham.
Foster, A., West Roxbury.
Foster, Mrs. F. W. C., South Orleans.
Foster, Harry, Wakefield.
Foster, Mrs. Harry, North Andover.
Foster, Howard W., Lowell.
Foster, Mrs. M. E., Pawtucket, R. I.
Foster, William T., Arlington.
Fox, Miss Feroline W., Dorchester.
Fox, James W., Oswego, N. Y.
Fox, John W., Woburn.
Fraser, Herbert C., Newton.
Fraser, John E. T., Brockton.
Frazier, Mrs. Lyman B., Swampscott.
Fredey, Mrs. Alice A., Newton.
Freeman, Mrs. L. N., Newton Center.
French, A. M., Brookline.
French, Carroll B., Lynnfield.
French, Dr. C. E., Lowell.
French, Mrs, Charles H., Canton.
French, Mrs. George Edw. Wayland.
Frenier, Frank, Hebronville.
Froggatt, Mrs. J., East Orange, N. J.
Frost, Mrs. William, Melrose.
Fuller, Miss Kate T., North Andover.
Fuller, Mrs. George A., St. Petersburg, Fla.

Gage, Mrs. Frank H., Swampscott.
Gage, L. Merton, Natick.
Gallagher, John S., Haverhill.
Gallagher, Percival, Brookline.
Galvin, Thomas F., Boston.
Arbutt, Andrew G., Holliston.
Gardner, G. Peabody, Jr., Brookline.
Gardner, John A., Newton.
Gardner, Mrs. Joseph E., South Weymouth.
Gardner, Mrs. Philip, Boston.
Garland, John, Wellesley Hills.
Garst, Julius, Worcester.
Gartland, John H., Somerville.
Gatel, Mrs. Mary A., Boston.
Gattrell, Charles, Newburyport.

Gauld, Mrs. James M., Roslindale.
Gavin, Philip A., East Norton.
Gay, Herbert, North Attleboro.
Gayton, Mrs. Theora M., Malden.
Geddes, Mrs. J., Brookline.
Gersdorff, Mrs. Carl A. De, New York, N. Y.
Gibbs, Mrs. R. M., Waltham.
Gibson, Charles E., West Newton.
Gibson, L. E., Melrose Highlands.
Gidney, Miss Helen M., Hyde Park.
Gilbert, Dr. Arthur W., Boston.
Gilbert, L. B., Beachmont.
Giles, Mrs. Fannie D., West Dennis.
Gillett, Mrs. Lena G., Littleton.
Gilman, Arthur E., Dorchester Center.
Gilmore, Albert F., Watertown.
Gilmore, Ernest D., Attleboro.
Gilmore, Howard P., Westboro.
Glancey, Frank B., Chestnut Hill.
Glass, Herbert D. H., Norwood, Pa.
Gleason, Herbert W., Boston.
Glover, Benjamin F., Jr., Lansdowne, Pa.
Glover, Miss Frances, Wayland.
Glynn, Mrs. Howard S., Wakefield.
Goddard, Mrs. W. N., Wellesley Hills.
Godfrey, Mrs. O. M., North Andover.
Goell, Miss Blanche I., Boston.
Goezel, Mrs. Cornelia, Perkiomenville, Pa.
Golby, Walter H., South Weymouth.
Goldthwaite, Miss Irene L., Wakefield.
Goodale, L. B., Danvers.
Goode, Mrs. Harriet U., Sharon.
Goodell, Mrs. George Z., Salem.
Gordon, George, Beverly.
Gordon, John G., Lowell.
Gordon, Robert M., Goffstown, N. H.
Gorney, Elijah S., Boston.
Gorsuch, Ralph W., So. Lancaster.
Gould, Mrs. Frank, Townson, Md.
Gowing, Mrs. Louis P., Wakefield.
Grabfield, Mrs. G. Philip, Boston.
Graf, Edward, South Lincoln.
Grampel, John Van De, Milton.
Grassen, F. J., Roxbury.
Graton, Louis, Bridgewater.
Graves, Frank U., East Lynn.
Graves, Miss Linda F., Dorchester.
Gray, Mrs. George S., West Medford.
Gray, Morris, Boston.
Gray, Paul E., Bradford.
Greene, Charles C., Medford.
Greene, Mrs. G. Holden, Bridgewater.
Greenough, Frederick A., Braintree.
Greenough, Mrs. Henry V., Brookline.
Greenough, Mrs. W. W., Wakefield.
Greenwood, Paul, Fulton, N. W.
Gregg, Dr. Donald, Wellesley.
Gregg, Mrs. James B., Brookline.
Gregg, Mrs. J. E., Hampton, Va.
Griffin, Miss Delia I., Jamaica Plain.
Grossmann, Louis C., Jamaica Plain.
Groves, George F., Centerville.
Guild, Mrs. S. E., Boston.
Gunther, Edward W., Trenton, N. J.
Gummo, Mrs. Marie, Boston.
Guppy, Benjamin W., Melrose.
Gurney, Harold P., Whitman.
Gurney, John J., Dorchester.
Gutmann, Walter U., Lewiston, Me.
Gutmann, Mrs. Walter U., Lewiston, Me.

Haartz, John C., Winchester.
Hackett, E. A., Bolton.
Hadley, Mrs. Amos I., Wayland.
Hague, Joseph, Swampscott.
Haigh, Mrs. Sarah B., Winthrop.
Haley, Miss Blanche L., Lincoln, N. H.
Hall, Charles A., Atlantic.
Hall, Chas. F. A., Newburyport.
Hall, Miss F. Josephine, Waltham.
Hall, Mrs. George E., Dedham.
Hall, Miss Gertrude M., Brookline.
Hall, L. Glenn, Seattle, Wash.
Hall, Mrs. L. Stanton, Wilmington.
Hall, Miss Virginia, Boston.
Hallet, Mrs. Nelson A., Newtonville.
Hallstrom, David O., Dorchester.
Hamel, Claude C., Amherst, Ohio.
Hamilton, Ashton, Brockton.
Hamilton, Dr. Annie Lee, Boston.
Hamilton, Herbert A., Melrose Highlands.
Hamilton, Dr. Robert D., Newburyport.
Hamilton, Robert, Ben Avon, Pa.
Hammond, Dr. J. T., Jr., Philadelphia, Pa.
Hanks, Mrs. Anna, Boston.
Hanley, Mrs. M. J., Brookline.
Hannaford, Mrs. M. E., Roxbury.
Hanscom, Mrs. Albert J., Lawrence.
Hapgood, Mrs. Roswell T., Natick.
Harding, Emor H., Boston.
Harding, George R., Cambridge.
Hardy, Mrs. Jerome A., Newburyport.
Hardy, John H., Jr., Littleton.
Harnedy, Mrs. James G., Brookline.
Harrington, Edwin E., Malden.
Harrington, Mrs. F. B., Cambridge.
Harrington, George H., Lincoln.
Harris, Charles P., Dorchester.
Hartt, Mrs. Charles M., Tampa, Fla.
Hartman, Arnold, Cambridge.
Harvey, Mrs. Arthur C., Wellesley Hills.

Harvey, Mrs. David, North Grafton.
Harwood, Mrs. Sydney, Newton.
Haskel, William L., Northborough.
Hastings, Francis, Hingham.
Hastings, W. A., Boston.
Hastings, Mrs. Wilmot R., Swampscott.
Hatch, Mrs. Arthur T., East Sandwich.
Hatch, Miss Ethel A., Worcester.
Hathaway, Howard W., Portsmouth, R. I.
Hathaway, Walter D., New Bedford.
Hathaway, Wm. W., Brockton.
Havey, Miss Ruth M., Roslindale.
Hawes, E. Parker, Roslindale.
Hawken, Thomas, Austin, Tex.
Hawks, William W., Amesbury.
Hawks, Mrs. Elizabeth W., Amesbury.
Hawksley, George H., Auburn, R. I.
Hay, Daniel, Plymouth.
Hayes, Herbert W., Waban.
Hayes, Miss S. L., Cambridge.
Hayward, Henry C., Norfolk.
Hayward, Mrs. W. E., Ipswich.
Heald, Philip C., Milton, N. H.
Heard, Miss Blanche E., Wayland.
Heath, Mrs. Albert J., Framingham.
Heathcote, Mrs. George M., Waban.
Heckel, Frank P., Columbia, Pa.
Hemming, Mrs. George B., Needham.
Henderson, Harold H., West Newbury.
Hendrick, Mrs. Nellie T., Nashua, N. H.
Heredia, Mrs. Carlos M. De, Lenox.
Herlihy, William P., Cambridge.
Herrick, Miss Mary A., Malden.
Hersey, George M., Boston.
Hetherston, Mrs. Cora, Everett.
Hetzel, George, Woburn.
Hevenor, Mrs. Charles, Buckland, Conn.
Hewett, Mrs. Joseph, Brockton.
Hewins, Miss Alice E., Dedham.
Hewins, Mrs. Robert W., Norton.
Hibbard, Miss Ann, West Roxbury.
Higbee, Charles R., Hyde Park.
Higbee, Harry G., Sharon.
High, Walter E., Manchester.
Hight, Henry Wadsworth, Winchester.
Hill, Arthur D., Boston.
Hill, C. H., Emporia, Kan.
Hill, Frederick W., Malden.
Hill, John E., Providence, R. I.
Hilton, Mrs. Grant S., Swampscott.
Hinckley, Edward S., Norwich, Conn.
Hippe, Miss Marguerite B., Des Moines, Ia.
Hodgdon, Miss Sophronia E., Malden.
Hoehle, Miss M. Louise, Roxbury.
Hoffman, Mrs. Carl L., Lynnfield.
Hoffman, Mrs. Ella G., Wellesley Hills.
Hogan, Mrs. Emma M., Roxbury.
Hogan, Miss Grace F., Natick.
Holbrook, Mrs. Frederick, Brattleboro, Vt.
Holbrook, Miss Grace E., Dorchester.
Holbrook, Miss Martha A., Dorchester.
Holbrow, Charles, Brighton.
Hollingsworth, Mrs. Sumner, Boston.
Holmes, Eber, Halifax.
Holst, Mrs. Englehardt U., Fairmont, Mt. Vernon, N. H.
Holsworth, Wayne C., Cambridge.
Holt, Mrs. Gertrude B., Andover.
Holway, William H., Duxbury.
Homans, Miss K. A., Boston.
Homer, Thomas J., Roxbury.
Hood, Mrs Charles H., Beverly.
Hood, Frederic C., Brookline.
Hooper, O. F., So. Weymouth.
Horak, John, Lynn.
Horne, Geoffrey C., Belmont.
Horne, Richard B., Belmont.
Houghton, Frederic O., Milton.
Houghton, Mrs. Frederic O., Milton.
Houghton, Mrs. Myrtle F., Littleton.
Houston, Miss Elizabeth, Arlington Heights.
Howard, Miss Alice M., Littleton Common.
Howard, F. A., South Easton.
Howard, Luke H., Canton.
Howard, Mrs. Mary L., South Easton.
Howard, Mrs. Philip B., South Lincoln
Howard, W. D., Milford.
Howe, H. H., Chester, N. J.
Howe, Mrs. Henry S., Brookline.
Howe, Mrs. James C., Readville.
Howe, Prof. Marshall A., Pleasantville, N. Y.
Howe, Parkman D., Needham.
Howe, Ralph, Chicago, Ill.
Howell, Mrs. George D., Cambridge.
Howes, Miss L. Gertrude, Roxbury.
Howorth, Thomas Nashua, N. H.
Hoxie, Edward Ely, Boston.
Hoyer, Charles Chestnut Hill.
Hubbard, Allen, Newton Centre.
Hubbard, Eliot, Jr., Cambridge.
Hubbell, Mrs. Henry S., Dedham.
Hughes, Miss Mary E., Ashmont.
Hughes, Thomas H., New Bedford.
Hultman, Eugene C., Boston.
Hume, Mrs. Archibald M., Melrose.
Humphreys, James, Dedham.
Humphrey, Mrs. James, Dedham.
Hunneman, Miss Elizabeth A., Roxbury.
Hunt, Mrs. Daniel C., Haverhill.
Hunt, Edgar N., Reading.

Hunt, Mrs. Helen A., Weymouth.
Hunt, William Morris, Enfield.
Hurley, E. R., Closter, N. J.
Hurley, John J., Chestnut Hill.
Husk, H. M., Newburyport.
Hussey, Mrs. John Frederick, Salem.
Hutchins, Mrs. Edward W., Boston.
Hutchins, Miss Lucy C., Waverley.
Hyde, Mrs. George L., Swampscott.

Igo, Mrs. G. S., Indianola, Iowa.
Ingersoll, Mrs. C. M., Brookline.
Inman, Mrs. Arthur C., Boston.
Inman, Albert H., Worcester.

Jackman, Mrs. Charles L., Concord, N. H.
Jackson, Mrs. George W., Newton Center.
Jackson, Mrs. James, Boston.
Jackson, Mrs. Roland, Swampscott.
James, Mrs. Edward H., Boston.
James, Miss Julia W., Wellesley.
Jameson, Holder M., Melrose.
Jamison, Mrs. Harold B., Albuqerque, N. M.
Jardine, Miss Margaret I., Groton.
Jelly, Mrs. Wm. M., Salem.
Jenkins, Allen J., Shrewsbury.
Jenkins, Edwin, Lenox.
Jenkins, Thornton, Malden.
Jenks, Albert R., West Acton.
Jenness, Cyrus F., Waban.
Jennings, Miss Harriet T., Brookline.
Jensen, Mrs. Charles A., Wellesley Hills.
Jensen, H. W., Jamaica Plain.
Jessup, Mrs. Eleanor J., Wilmington.
Johansson, Frederick V., Leominster.
Johnson, Albert, Dedham.
Johnson, Miss Emma F., Scituate.
Johnson, George M., Concord.
Johnson, John M., Liberty, Ind.
Johnson, Walter Adams, Pleasantville, N. Y.
Johnson, Walter W., Stoneham.
Johnston, John R., Jamaica Plain.
Jones, Evan H., Waterbury, Conn.
Jones, Harry L., Newton Center.
Jones, Miss Helen S., Brooklyn, N. Y.
Jones, Joseph E., Assinippi.
Jones, Mrs. Mai R., Reading.
Jones, Mrs. Philip N., Beach Bluff.
Judd, George C., Boston.

Kaffenburgh, Mrs. Albert W., Brookline.
Kaler, John T., Sharon.
Kane, Patrick J., South Boston.
Kazanjian, Dr. Varaztad H., Belmont.
Keeler Mrs. Charles H., Newton Highlands.
Keeler, Mrs. L. M., Whitinsville.
Keene, Miss Vivian S., Fitchburg.
Keith, Albert G., Cambridge.
Keith, Andrew, Chestnut Hill.
Keith, Mrs. Harold C., Campello.
Keith, Mrs. J. L., Grafton.
Kellaway, Herbert J., Newton Center.
Keller, Carl T., Boston.
Keller, Mrs. Carl T., Boston.
Keller, Ralph H., Marshfield Hills
Kelley, Arthur L., Everett.
Kelley, Miss Ellen E., Canton.
Kellogg, Mrs. Branton, Brookline.
Kelly, Howard S., Brighton.
Kemp, J. A., Little Silver, N. J.
Kendall, Mrs. Charles E., Winchester.
Kennedy, Albert J., Boston.
Kennedy, Miss Florence M., Woburn.
Kennedy, Lewis Hatfield, Hingham.
Kennedy, W. J., Chestnut Hill.
Kerr, Miss Elizabeth M., Billerica.
Kilham, Miss Francis R., Beverly.
Kimball, Mrs. A. G., New Britain, Conn.
Kimball, Mrs. Joseph S., Beach Bluff.
Kimball, Mrs. Paul, Milton.
Kimball, Mrs. Robert, Ipswich.
King, Mrs. Robert C., Malden.
Kingman, Mrs. Herbert S., Somerville.
Kinion, Miss Alice B., Valley Falls, R. I.
Kirkegaard, John, Bedford.
Kirby, Miss Helen G., Cambridge.
Kirkham, Wm. B., Springfield.
Kirkham, Mrs. W. B., Springfield.
Kirkpatrick, Mrs. E. A., Leominster.
Kirshen, Max S., Brookline.
Kitchin, Mrs. Mary W., Lawrence.
Kitson, Fred, Boston.
Kleimer, Wm. H., Boston.
Kloss, Miss Abbie C., Townsend Harbor.
Knight, George Brockton.
Knobel, Miss Louise F., Walpole.
Knowles, Samuel, South Easton.
Knowlton, Harold W., Auburndale.
Knudson, Louis, Waverley.
Koehler, Hans J., Roslindale.
Krause, A. H., Dedham.
Krisch, Otto M., Jamaica Plain.
Kunan, Ernst, Holbrook.
Kunderd, A. E., Goshen, Ind.
Kussmaul, Ernest F., Jamaica Plain.

Lacey, Thomas A., Everett.
Ladd, Mrs. E. F., Boston.
Lafabreque, J., Bellport L. I., N. Y.
Lager, John E., Summit, N. J.

Laight, Miss Ellen B., Salem.
Laighton, G. Ralph, Portsmouth, N. H.
Lancashire, Mrs. J. H., New York, N. Y.
Land, William P., Brookline.
Lane, Charles A., Winchester.
Lane, Joseph J., New York, N. Y.
Lang, Miss Beatrice M., Melrose.
Langeler, H., New York, N. Y.
Latham, Benoi M., Mansfield.
Latimer, Mrs. Julia A., Mamaroneck, N. Y.
Laurie, Robert, Stoughton.
Lavis, Fred, White Plains, N. Y.
Lawrence, Harry V., Falmouth.
Lawrence, Miss Nancy B., Roxbury.
Lawson, Mrs. Arthur A., Arlington.
Lazenby, Francis, Cambridge.
Leach, C. Arthur, South Hamilton.
Learoyd, Miss Jessie P., Danvers.
Leary, Dr. Timothy, Jamaica Plain.
Leavitt, Thomas, Beverly.
Lee, Miss Katharine, Jamaica Plain.
Legg, Mrs. Frank M., Woburn.
Leland Mrs. Abbie M., Fall River.
Lenehan, George, Dorchester.
Leonard, Avery B., Roslindale.
Lesh, Mrs. John H., Newton Center.
Leslie, Perley, Haverhill.
Leuthy, A., Roslindale.
Leveque, Luke, Halifax.
Lewis, E. L., North Easton.
Lewis, Robert R., Coudersport, Pa.
Libbey, Mrs. Annie E., Newton Center
Liffler, Mrs. Charles B., Jr., Cambridge.
Lindsley, Mrs. John, Peterboro, N. H.
Linscott, Mrs. Frank K., Wollaston.
Litchfield, Lemont D., Needham.
Little, Thomas W., Cos Cob, Conn.
Littlefield, Miss Maud H., Woburn.
Locke, Mrs. Joseph A., Jamaica Plain.
Lockwood, Dunbar, Cambridge.
Long, Bayard, Philadelphia, Pa.
Long, Charles A. E., Matinicus, Me.
Lothrop, Charles R., Milton.
Lothrop, Chester H., Lexington.
Lovell, Mrs. Emily S., Wayland.
Lowden, Ronald D., Roslindale.
Lowell, Guy, Brookline.
Lowell, Mrs. Guy, Brookline.
Lownes, Albert E., Providence, R. I.
Luddy, Mrs. Mary, West Roxbury.
Lufkin, Andrew, Gloucester.
Lumsden, David, Washington, D. C.
Lund, Mrs. Fred B., Boston.
Lunt, Mrs. Daniel, Ipswich.
Lurvey, Miss Susie A., Melrose.
Lutz, Mrs. Brenton R., Melrose.
Lyman, Herbert, Boston.
Lyman, Mrs. Jesse P., Boston.
Lyman, Mrs. Ronald T., Boston.
Lynch, Frank A., Belmont.
Lyon, Mrs. David G., Cambridge.

Macadam, Albert C. Y., Boston.
MacConney, Mrs. Jessie B., Rockland.
Mack, Mrs. Elizabeth W., Newton.
Mack, Roy, Lexington.
Mackay, Mrs. Margaret F., Jamaica Plain.
Mackie, Mrs David Ives, New York, N. Y.
MacKinlay, William C., West Roxbury.
Mackinnon, Roderick H., Wellesley.
Mackintosh, Louis E., Needham.
Macleod, Mrs. M. P., Mattapan.
MacNeif, Mrs. Helen, Brookline.
Maillard, Paul P., Manchester.
Manda, Robert F., Orange, N. J.
Manda, Herbert B., Plympton.
Mann, Alfred E., Milton.
Mann, Benjamin P., Cambridge.
Mann, Charles W., Methuen.
Manning, Mrs. Almira E., Malden.
Manning, Mrs. Charles B., Manchester, N. H.
Manning, Miss Nellie E., South Boston.
Mansfield, Mrs. Bessie R., Westboro.
Mansfield, Frederick H., Dorchester.
Manson, D. E., Brookline.
Marble, Arthur D., Hingham Center.
Marble, Edwin H., Worcester.
Marcellino, Anibal, Onset.
Marion, John T., Woburn.
Marlier, Felix, Dorchester.
Marshall, Mrs. Frank, Brookline.
Marshall, Mrs. Irving F., Chestnut Hill.
Marshall, John, Providence, R. I.
Marquis, William B., Brookline.
Martin, Mrs. William I., Cambridge.
Mason, Charles E., Hingham.
Mason, Mrs. E. D., Brookline.
Mason, Miss Flora L., Taunton.
Mathews, F. Schuyler, Cambridge.
Mathewsen, Miss Rena, Cliftondale.
Mattson, Nils H., Newton Center.
Matson, Isaac F., Newport, R. I.
Mauthorne, Miss Suzanne M., Brookline.
Maxwell, Mrs. G. R., Boston.
May, Miss Adelina, Brockton.
May, Mrs. John S., Roxbury.
Maynard, Mrs. Harry E., Lynnfield.
Maynard, Mrs. Newell Carroll, Tufts College.
Mayosmith, Mrs. Richmond, Dedham.

McArdle, Joseph, Roxbury.
McCarthy, Albert D., Watertown.
McCarthy, Mrs. Charles D., Malden.
McCaull, Mrs. H. F., West Roxbury.
McCourt, J. E., Newton Highlands.
McCullagh, Mrs. Frank R., Roxbury.
McGinley, Mrs. Holden, Readville.
McIntosh, D. L., Alpine, N. J.
McIntyre, John, Simsbury, Conn.
McIsaac, Stuart, East Weymouth.
McKay, Miss Edith, Boston.
McKee, William J., Worcester.
McLaughlin, Mrs. Martin B., Malden.
McLean, Daniel R., Beverly.
McLellan, Miss Lillian, South Hanson.
McLerie, David, Chestnut Hill.
McSweeney, Mrs. Thomas, Hingham.
McVinney, Isadore, Hyde Park.
Mea, Miss Frances B., Dorchester.
Mead, Franklin B., Fort Wayne, Ind.
Mead, George V., Boston.
Meagher, Frank T., Milton.
Megathlin, Miss Emma L., Brockton.
Meigs, Mrs. George F., Centerville.
Meilkleham, Mrs. T. M. R., Edgartown.
Mellus, J. T., Wellesley.
Mercer, Mrs. Wm. R., Doylestown, Pa.
Merrell, Mrs. Cyrus W., Groton.
Merriam, Bernard F., Framingham.
Merrill, Mrs. F. D., Beach Bluff.
Merrill, Miss Grace L., Peabody.
Merrill, George M., Jamaica Plain.
Merrill, Mrs. John P., Readville.
Meryweather, Miss Juliana B., Boston.
Metcalf, Frank, Southborough.
Metcalf, Maurice A., Newtonville.
Michie, Alexander J., Dorchester.
Mikell, Miss Julia W., Hingham.
Miller, Miss Helen A., Wellesley.
Miller, James L., Nahant.
Miller, Miss Mildred A., Cambridge.
Millett, Charles H., Melrose Highlands.
Milliken, Mrs. Arthur N., Boston.
Milmore, Mrs. Lois B., Swampscott.
Mitchell, James, Jamaica Plain.
Mitchell, S. Roger, Purchase, N. Y.
Mitchell, Mrs. Winthrop D., Worcester.
Mix, William F., Cambridge.
Mixter, Dr. Samuel J., Brevarde Co., Fla.
Moeckel, C. W., Fitchburg.
Moffatt, Mrs. Maud A., Dorchester.
Moffat, Dr. Robert T., Boston.
Monroe, Charles E., Brookline.
Moody, S. Irving, Brockton.
Moore, Mrs. Clifford H., Cambridge.
Moore, Mrs. Edward C., Cambridge.
Moore, Harry F., Boxford.
Moore, Mrs. J. L., Cambridge.
Morgan, F. B., New York, N. Y.
Morgan, Mrs. Paul B., Worcester.
Morhous, O. A., Larchmont, N. Y.
Moriarty, Miss Margaret F., Sharon.
Morris, John, Hyde Park.
Morrison, B. Y., Takoma Park, D. C.
Morse, Arthur M., Brookline.
Morse, Miss Cora E., Arlington Heights.
Morse, Charles H., Goffstown, N. H.
Morse, Miss Frances C., Worcester.
Morse, Frank E., Boston.
Morton, Mrs. S. F. S., South Sudbury.
Moseley, B. P. P., Boston.
Moulton, Shirley R., North Hampton, N. H.
Movius, Hallam L., Boston.
Mudge, Everett P., Swampscott.
Mudgett, L. D., Shirley.
Muller, R. T., Amherst.
Munroe, Harvey W., Lynnfield.
Munson, E. Malcolm, South Dartmouth.
Munson, George A., South Dartmouth.
Munson, Mrs. Robert L., Melrose.
Murphy, Thomas, Brookline.
Murphy, Thomas J., Jamaica Plain.
Murray, Mrs. Isabelle, Greenbush.
Myrick, Miss C. Elizabeth, Boston.

Nason, Mrs. Arthur C., Newburyport.
Naylor, Mrs. Bruce, Baltimore, Md.
Neargaard, Charles W., Worcester.
Negus, Sam P., Boston.
Nehrling, Prof. Arno H., Ithaca, N. Y.
Nelson, Miss Adelaide, Roxbury.
Nesmith, Mrs. Thomas, Lowell.
Newell, Albert J., Hopedale.
Newell, Mrs. James M., Boston.
Newhall, Mrs. Emma D., Lynn.
Nickerson, Miss Frances, Newtonville.
Nickerson, Harold S., Essex.
Nickerson, Mrs. Wm. G., Dedham.
Nielsen, Malcolm H., Brighton.
Niles, Mrs. Charles F., Hopedale.
Nixon, J. Arthur, Taunton.
Nixon, V. C., Allston.
Nolet, Joseph A., New Bedford.
Norberg, Edward, Arlington.
Norley, Benjamin R., Roslindale.
Norris, Z. A., Needham.
Northrup, William B., Chelmsford.
Norton, Carl J., Northampton.
Norton, Paul T., Nashua, N. H.
Notman, Frederick W., Needham.
Nourse, Mrs. F. R, Dedham.
Nye, Henry C., Brookline.

O'Brien, D. W., Boston.
O'Brien, Rev. John T., Winthrop.
O'Connell, Mrs. John C., Dorchester Centre.
O'Connor, Vincent, Beachmont.
Olin, Mrs. Edwin R., Braintree.
O'Neil, Joseph F., Amesbury.
Orr, H. W., Newtonville.
Osbon, Mrs. Charles B., Somerville.
Osborn, J. H., Swampscott.
Osgood, James D., Peabody.
Osgood, William J., Wellesley Hills.
Osgood, Mrs. Robert B., Boston.
Otis, Alfred W., Boston.
Otis, W. C., Woburn.
Ottley, Miss Alice M., Wellesley.

Packard, Walter T., Campello.
Page, Mrs. Edward L., Melrose.
Page, Edward S., Melrose.
Page, Mrs. Fred M., Lynnfield.
Page, Miss Mary S., Chelsea.
Paine, Robert Treat, Boston.
Palmer, Miss Alice W., Brookline.
Palmer, Frederick E , Brookline.
Palmer, George H., Chestnut Hill.
Pardee, Rev. J. N., Bolton.
Parker, A. S., Stoneham.
Parker, Edward L., Concord.
Parker, Mrs. F. H., Lawrence.
Parker, Francis R., Fitzwilliam, N. H.
Parker, G. A., Hartford, Conn.
Parker, Mrs. George L., Newton Center.
Parker, Mrs. George S., Boston.
Parker, Horace B., Boston.
Parker, Miss Katherine V., So. Lancaster.
Parker, W. B., Bradentown, Fla.
Parker, Mrs. W. B., Bradentown, Fla.
Parker, Mrs. W. C., Woburn.
Parker, Walter M., Manchester, N. H.
Parkinson, Mrs. W. D., Fitchburg.
Parks, Mrs. Francis R., Chestnut Hill.
Parks, Mrs William A., Newton.
Parsons, Charles E., Nevada City, Calif.
Parsons, Eugene, Auburn.
Parsons, Dr. Willis B., Scituate.
Pastene, Albert A., Norton.
Pastorius, C. S., Colorado Springs, Colo.
Patch, Roland H., Storrs, Conn.
Paterson, Charles E., Orient Heights.
Pattee, Miss Elizabeth G., Boston.
Patterson, Henry E., Rockland.
Patterson, William, Wollaston.
Paul, Miss Anne M., Boston.
Paul, William Alden, Boston.
Payson, Miss Grace M., Magnolia.
Peabody, Miss Caroline E., Cambridge.
Peabody, Mrs. John E., Brookline.
Peabody, Mrs. W. Rodman, Hyde Park.
Peacock, John P. W., Mattapoisett.
Pearce, Miss Alice W., Roxbury.
Peckham, Mrs. Wheeler H., New Rochelle, N. Y.
Pederzini, Peter, Medfield.
Peet, Miss Harriet E., Cambridge.
Peirce, Miss Bertha, South Boston.
Pembroke, A. A., Beverly.
Penman, John S., Cambridge.
Penman, Mrs. John S., Cambridge.
Penn, William, Boston.
Pennell, Ernest, Auburndale.
Perkins, F. C., Cliftondale.
Perkins, Frank E., Abington.
Perkins, Harry D., Brookline.
Perkins, Miss H. Elizabeth, West Roxbury.
Perkins, Mrs. John C., Seattle, Wash.
Perkins, Merritt H., Denver, Colo.
Perkins, Russell, Hampton, N. H.
Perotti, Paul, East Boston.
Perry, Mrs. Arthur P., Jamaica Plain.
Perry, Miss E. Maud, Danvers.
Peter, Mrs. J. C., Grosse Pointe Farms, Mich.
Peters, Miss Constance E., Boston.
Peterson, John A., Cambridge.
Pettee, W. J., Marquette, Mich.
Petroske, Mrs. John J., Lawrence.
Pfaffmann, Miss Mary, Hingham.
Philbrick, Miss Eliza, Newton Center.
Phillips, George A., Dedham.
Phillips, Mrs. George K., Marblehead.
Phillips Mrs. Gertrude W., Swampscott.
Phillips, Mrs. J. Duncan, Topsfield.
Phinney, H. A., Arlington.
Phinney, Mrs. H. A., Arlington.
Phinney, John I., Cambridge.
Phipps, Mrs. Cadis, Brookline.
Pickett, Charles M., Jamaica Plain.
Pickthall, W. E., Belmont.
Pickup, George, Mattapan.
Pierce, Elmore Allen, Woburn.
Pierce, Miss Irene, Arden, Del.
Pierce, Myron E., Wellesley Hills.
Pillsbury, Mrs. S. H., Boston.
Pinault, Z. R., Fairhaven.
Pinel, Philip, Quincy.
Piper, Harry L., North Wilbraham.
Plimpton, Mrs. Harold, Hingham.
Pomeroy, Harris Starr, M.D., Peabody.
Pond, B. W., Boston.
Pontasse, Mrs. Edith C., Wayland.
Poor, Mrs. Clarence H., Beverly Farms.

Pope, Mrs. Henrietta M., Boston.
Porter, George W., Agawam.
Porter, Miss Helen L., Danvers.
Porter, Mrs. William T., Dover.
Post, Dr. Abner, Auburndale.
Potter, Charles, West Boylston.
Potter, Miss Nellie M., Gloucester.
Pratt, Alfred R., Weston.
Pratt, Mrs. Charles F., New Rochelle, N. Y.
Pratt, Miss Sarah E., South Sudbury.
Pratt, Mrs. W. D., Lowell.
Preble, Robert E., Brookline.
Preston, Elwyn G., Lexington.
Preston, Mrs. Richard G., Swampscott.
Price, Mrs. Blanche L., So. Weymouth.
Prichard, Miss A. L., Peterboro, N. H.
Pride, James H., Jr., Westbrook, Me.
Priest, Mrs. Edith H., Ayer.
Priest, Mrs. George H., Brockton.
Prior, Mrs. William A., Woburn.
Pritchard, John, Bedford Hills, N. Y.
Procter, Dr. Percy C., Gloucester.
Procter, Mrs. Percy C., Gloucester.
Proctor, Mrs. George B., Boston.
Proctor, Thomas M., Wrentham.
Prouty, Lewis I., Cambridge.
Purdon, Miss Maria, Hyde Park.
Purdy, O. N., Jr., Wellesley.
Purple, William H., Canandaigua, N. Y.
Putnam, Dr. Frank W., West Newton.
Putnam, Mrs. George T., Dedham.

Quimby, Chas. F., Walpole.
Quimby, Mrs. Sarah P., Lincoln.
Quinsle, Miss Genevieve M., Brookline.

Rachemann, Mrs. Felix, Readville.
Racz, J. A., Jamaica Plain.
Rand, Fred D., Roslindale.
Rand, Prof. E. K., Cambridge.
Rand, L. M., Norwood, Pa.
Randall, Charles F., Boston.
Randall, Edward E., Reading.
Ranlet, Miss Ethel C., Manchester, N. H.
Ranlet, Mrs. Susan E., Manchester, N. H.
Rawson, Miss Ethel, Hudson.
Ray, G. Everett, Marblehead.
Raymond, Charles B. B., Abington.
Rayner, Mrs. Arthur W., Newton Center.
Read, Miss Carrie E., Barre.
Read, Miss Georgia W., New York, N. Y.
Ream, L. S., Marshfield.
Redding, Charles W., Bournedale.
Redmond, George, Billerica.
Reed, Charles G., Lawrence.
Reed, Charles L., West Newbury.
Rees, Prof. Ralph W., Ithaca, N. Y.
Reese, Mrs. D. H., Uxbridge.
Rehder, Alfred, Jamaica Plain.
Reiche, Mrs. Ruth P., Arlington.
Reid, John, Jr., New Rochelle, N. Y.
Remington, Mrs. Louise M., Boston.
Replogle, Wm. H., Hagerstown, Ind.
Reuter, Louis J., Watertown.
Reynolds, Mrs. John P., Milton.
Rhinelander, Rt. Rev. P. M., Washington, D. C.
Rhoades, Herbert A., Braintree.
Rice, Mrs. Arthur W., Readville.
Rice, Miss Dorothy G., Waban.
Rice, H. L., Boston.
Rice, Mrs. John C., Dedham.
Rich, Mrs. Thomas F., Malden.
Richards, Edw. A., Greenfield.
Richards, Mrs. H. H., Groton.
Richards, Ralph W., Canton.
Richardson, James H., Dorchester.
Richardson, John, Chestnut Hill.
Richmond, Mrs. Ralph S., Readville.
Ricker, E. M., East Weymouth.
Rideout, Benjamin W., Needham.
Ridlon, Ernest T., Brookline.
Robbins, Eliott B., Brookline.
Roberts, Arthur E., Reading.
Roberts, Frank, E. Watertown.
Robertson, John, Chestnut Hill.
Robertson, Peter, Lexington.
Robeson, Mrs. Louis, Brookline.
Robie, Miss Mary F., Gorham, Me.
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Robinson, Miss Josie Boggs, East Lynn.
Robinson, Mrs. Julia M., Needham.
Robinson, K. Judson, Taunton.
Robinson, Otto B., Willimantic, Conn.
Roby, Mrs. Harley B., Concord, N. H.
Rock, Mrs. Harriet S., Cleveland, O.
Rodgers, Miss Edith D., Boston.
Rodgers, Miss Frances S., Boston.
Rogers, Alfred E. T., Prides Crossing.
Rogers, Andrew K., Readville.
Rogers, John S., South Orleans.
Rogers, Mrs. William C., Waterbury, Md.
Rogerson, Mrs. Charles M., Milton.
Roland, Robert H., Nahant.
Rolfe, Miss Marjorie, Weymouth.
Rollins, William, Boston.
Roos, Jelle, Concord.
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Rorrie, Thomas M., Ellis.
Rose, Miss Edith, Stoughton.
Rosenthal, Wolf, Boston.
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Ross, Miss Lucy C., Newtonville.
Ross, Mrs. Thowald S., Cambridge.
Rounds, Will, Lowell.
Rounseville, Cyrus C., Fall River.
Rourke, John J., Lynn.
Rowe, Louis G., Seabrook, N. H.
Roy, W. O., Montreal, Canada.
Royce, Mrs. Frederick P., Dedham.
Rugg, Harold G., Hanover, N. H.
Ruggles, Miss Margaret G., Thomaston, Me.
Russ, Miss Mary, Lincoln.
Russell, B. F. W., Boston.
Russell, Mrs. Charles F., Boston.
Russell, Miss Helen, Worcester.
Rust, Frances I., Cambridge.
Rust, William C., Jamaica Plain.
Rutherford, William D. F., Norfolk.
Ryan, Harold A., Cambridge.
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Safford, Miss Agnes, F., Portland, Me.
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Salter, James, Walpole.
Sanborn, Edward W., Boston.
Sanderson, Edmund C., Winchester.
Sanderson, Mrs. George H., Greenfield.
Sankey, Mrs. Bethia L., Cohasset.
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Sargent, George H., Warner, N. H.
Sargent, W. E., Worcester.
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Sawyer, Charles H., Newton Highlands.
Sawyer, Mrs. Frederic R., Malden.
Sawyer, Miss Grace M., Jamaica Plain.
Sawyer, Henry B., Winchester.
Sawyer, Mrs. Henry W., Melrose.
Sawyer, I. H., Topsfield.
Sawyer, Miss M. Louise, Wellesley.
Sawyer, Mrs. William D., Milton.
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Schmitt, Louis V., Roslindale.
Schronrock, Mrs. E. S., Central City, Neb.
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Schrafft, W. E., Boston.
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Schwinck, Miss Esther, Cambridge.
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Scott, Alfred, Cambridge.
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Sprague, George H., Hamilton.
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Stone, Mrs. Robert G., Brookline.
Stone, Miss Mary P., Boston.
Stone, Mrs. Percival M., Waltham.
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Viles, Edgar F., Waltham.

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Wallis, Winthrop L., Jamaica Plain.
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Ware, Mrs. Arthur L., Framingham Center.
Ware, Robert A., Boston.
Ware, Mrs. Whitman, Boston.
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Warren, Mrs. E. R., Boston.
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White, Donald, Wakefield.
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Whittemore, Mrs. P. W., West Gloucester.
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Williams, Mrs. Sydney M., Wellesley.
Williams, William H., Roslindale.
Willis, C. W., Bedford.
Willis, Mrs. C. W., Bedford.
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Wilson, William F., Stoneham.
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Wingate, Miss Mary S., Newton.
Winslow, Mrs. Eva M., Littleton.
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Wood, Miss Elizabeth H., Waltham.
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Wotherspoon, Mrs. H. H., Methuen.
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Wyman, Mrs. Wendell, Sharon.

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Young, William H., Brookline.
Youngquist, Frank T., Brockton.

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Zachareff, Demeter, Bridgewater, N. H.
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